

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot

SHEET NOTES -

1. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET E000.
2. SEE ARCHITECTURAL SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.

KEYED NOTES -

1. REMOVE EXISTING PULL BOX.
2. DISCONNECT EXISTING EQUIPMENT CONNECTION. REMOVE UNUSED WIRING & CONDUIT BACK TO JUNCTION BOX REFERRED TO IN KEYED NOTE #1. UPSTREAM INCLUDES (7)#12 WIRES AND 3/4" CONDUIT.
3. REMOVE EXISTING POWER OUTLET PANEL. DISCONNECT AND REMOVE EXISTING UNUSED UNDERGROUND WIRING AND CONDUIT BACK TO JUNCTION BOX REFERRED TO IN KEYED NOTE #8. UPSTREAM WIRES INCLUDE 2#2, 1#4 GRD. AND 1-1/2" CONDUIT.
4. DISCONNECT AND TEMPORARILY REMOVE EXISTING LIGHT FIXTURE. REMOVE FIXTURE AND STORE IN AREA DIRECTED BY GENERAL CONTRACTOR AND COR. FIXTURES TO BE TAKEN DOWN FOR PROTECTION DURING CONSTRUCTION.
5. DE-ENERGIZE CIRCUIT SERVING POLE. DISCONNECT AND TEMPORARILY REMOVE EXISTING LIGHT FIXTURE AND POLE. REMOVE POLE AND FIXTURE AND STORE IN AREA DIRECTED BY GENERAL CONTRACTOR AND COR. FIXTURE IS BEING TAKEN DOWN TO FACILITATE EXCAVATION OF EXISTING PARKING LOT.
6. DISCONNECT EXISTING SOLENOIDS FOR SPRINKLER SYSTEM. REMOVE UPSTREAM UNUSED UNDERGROUND CONDUIT AND WIRING BACK TO JUNCTION BOX REFERRED TO IN KEYED NOTE #7. UPSTREAM INCLUDES (6)#12 WIRES AND 3/4" CONDUIT.
7. REMOVE WIRING AND CONDUIT BACK TO PANEL PL-B01-1. CIRCUIT #17. IF CIRCUIT IS UNUSED ONCE THIS WORK IS COMPLETE, TURN OFF CIRCUIT BREAKER AND LABEL AS "SPARE".
8. JUNCTION BOX TO REMAIN IN PLACE. PRESERVE AND PROTECT. REUSE FOR NEW POWER OUTLET PANELS "PED" SHOWN ON SHEET E5010.
9. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE. REMOVE UPSTREAM UNUSED UNDERGROUND WIRING AND CONDUIT BACK TO UPSTREAM PANELBOARD. IF CIRCUIT IS UNUSED ONCE THIS WORK IS COMPLETE, TURN OFF CIRCUIT BREAKER AND LABEL AS "SPARE". ASSUME LIGHT IS SERVED BY 2#6, 1#6 GRD. AND 1-1/4" CONDUIT.
10. EXISTING 1" CONDUIT TO REMAIN IN PLACE. CONDUIT CONTAINS 5#6 WIRES. PRESERVE AND PROTECT.
11. EXISTING 1/2" CONDUIT TO REMAIN IN PLACE. CONDUIT CONTAINS 3#12 WIRES. PRESERVE AND PROTECT.
12. EXISTING 3/4" CONDUIT TO REMAIN IN PLACE. CONDUIT CONTAINS 9#12 WIRES. PRESERVE AND PROTECT.
13. DE-ENERGIZE CIRCUIT SERVING POLE, PULL BACK EXISTING WIRING AND CUT BACK CONDUIT TO THIS APPROXIMATE LOCATION. CAP WIRING AND CONDUIT WITH WATERTIGHT COVERING ASSUME 3#8, 1-1/4" CONDUIT.
14. REMOVE EXISTING JUNCTION BOX AND UPSTREAM AND DOWNSTREAM UNUSED CONDUIT AND WIRING BACK TO JUNCTION BOXES REFERRED TO IN KEYED NOTE #7 AND #1. UPSTREAM AND DOWNSTREAM EACH INCLUDES 6#12 WIRES AND 3/4" CONDUIT. ALSO REMOVE (2) 3/4" CONDUITS. ONE CONDUIT CONTAINS 4#12 WIRES. REMOVE WIRES BACK TO SOURCE.
15. REMOVE ABANDONED RECEPTACLE WITHIN PUMP WELL. REMOVE UPSTREAM WIRING AND CONDUIT BACK TO SOURCE.

SYMBOLS:

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

- OUTDOOR POLE MOUNTED FIXTURE - SEE LIGHTING POLE AND FIXTURE SCHEDULE
- RECEPTACLE, SPECIAL PURPOSE OR EQUIPMENT CONNECTION - SEE EQUIPMENT SCHEDULE
- VARIABLE FREQUENCY DRIVE
- JUNCTION BOX
- KEYED NOTE SYMBOL

1 PARTIAL SITE PLAN - ELECTRICAL DEMOLITION
ED010 1" = 20'-0"

Revisions: Date	 Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI		KEY PLAN:  EXISTING BLDG. 111 VESTIBULE ADDITION ENTRY CANOPY	CONSULTANTS:  R.A. Smith National R&D Project No.: 213172.00	PROJECT LEADER/ARCHITECT:  ADRIANO, WI • MILWAUKEE, WI • KANSAS CITY, MO • TULSA, OK (715) 485-2454 • (414) 255-5555 • (913) 758-0951 WWW.CHEQUAMEGON.COM	Drawing Title PARTIAL SITE PLAN - ELECTRICAL DEMOLITION	Project Number 695-12-101SCP	Office of Facilities Management	
						Approved: Project Director	Project Title Building 111 - Renovate South Entry		Building Number 111
						Location Milwaukee, Wisconsin	Drawing Number ED010	Department of Veterans Affairs	
						Date June 23, 2014	Checked By: R&D	Drawn By: R&D	



SHEET NOTES -

1. ALL EQUIPMENT SHOWN ON DEMOLITION PLAN SHALL BE REMOVED, UNLESS INDICATED OTHERWISE.
2. EC SHALL VERIFY EXISTING CONDITIONS AND IS RESPONSIBLE FOR ANY ADDITIONAL REMOVING, RELOCATING AND/OR REPAIRS OF ELECTRICAL EQUIPMENT NECESSARY TO ACCOMMODATE THE PROPOSED CONSTRUCTION. EC SHALL FIELD VERIFY EXACT DEMOLITION REQUIREMENTS AND COORDINATE WITH THE ASSOCIATED ELECTRICAL WIRING, CABLE CONDUITS, FITTINGS, BOXES, SUPPORTS, ETC. SHALL BE REMOVED FROM THE PROJECT. THE CONTRACTOR SHALL UPDATE PANEL DIRECTORIES TO REFER TO THE SPECIFICATIONS FOR ADDITIONAL ELECTRICAL DEMOLITION REQUIREMENTS.
3. DASHED WALLS ON THIS PLAN INDICATE IN GENERAL EXISTING WALLS BEING DEMOLISHED. DO NOT RELY ON ELECTRICAL DETECTION TO DETERMINE THE EXACT LOCATION OF GENERAL CONSTRUCTION DEMOLITION. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR THE EXACT EXTENT OF GENERAL CONSTRUCTION DEMOLITION REQUIRED BY THIS CONTRACT.
4. EC SHALL PROPERLY REMOVE, CLEAN, RELAMP, RELOCATE, ADJUST FIXTURES. FIXTURES MUST BE IN WORKING CONDITION IN ORDER TO REUSE. IF A REUSED FIXTURE IS NOT IN WORKING CONDITION, EC SHALL NOTIFY THE PROJECT MANAGER OF THE DEFECTIVE FIXTURE.
5. REFER TO DEMOLITION DRAWINGS OF OTHER TRADES, WHERE MOTORS, CONTROL PANELS, AND OTHER LOADS THAT HAVE AN ELECTRICAL CONNECTION ARE BEING REMOVED, INCLUDE THE DISCONNECTION AND REMOVAL OF ASSOCIATED ELECTRICAL CABLES, CONDUITS, AND LOOSE CONTROL EQUIPMENT IN THIS CONTRACT.
6. SEE ARCHITECTURAL DEMOLITION PLANS FOR PHASING, TEMPORARY CONSTRUCTION PARTITION LOCATIONS AND SCHEDULING OF HOURS OF WORK AND DEMOLITION METHODS PER THE OWNER.
7. ANY SERVICES PASSING THROUGH AREA OF WORK SHALL BE MAINTAINED AND PROTECTED DURING DEMOLITION AND CONSTRUCTION.
8. SEE ARCHITECTURAL SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.
9. PROVIDE (4) TEMPORARY TYPE "SA" FIXTURES FOR TEMPORARY SERVICE CORRIDOR AS SHOWN ON ELECTRICAL PANEL SCHEDULE AND MOUNT AT 8'-0" ON CENTER. CONNECT TO PANEL ELH-US-15-1.
10. PROVIDE (1) TEMPORARY HEAT DETECTOR IN EACH TEMPORARY ANTE ROOM SHOWN ON THE LOWER LEVEL. PROVIDE (1) TEMPORARY HEAT DETECTOR IN EACH HEAT DETECTORS. DETECTORS SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE.
11. PROVIDE (1) TEMPORARY HEAT DETECTOR IN TEMPORARY SERVICE CORRIDOR 8002 SHOWN ON THE ARCHITECTURAL AREA FIXTURES. HEAT DETECTOR SHALL BE REMOVED IN THE CORRIDOR. DETECTOR SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE.
12. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE SLAB.
13. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET E000.

SYMBOLS:

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

⊖ RECEPTACLE, DUPLEX
(IG) ISOLATED GROUND
(TD) TRIPLE DUPLEX
(TR) TAMPER RESISTANCE
(WP) WEATHERPROOF W/ GFI RECEPTACLE

RECEPTACLE, QUADRUPLE

PARTIAL LOWER LEVEL FLOOR PLAN - ELECTRICAL DEMOLITION

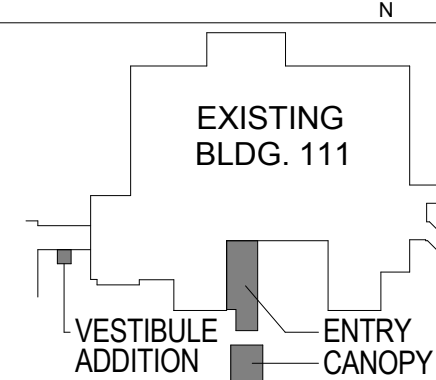
1	DEMOL
ED100	1/8" = 1'-0"

[illegible]

Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI



KEY PLAN:



CONSULTANTS:

RI RING & DUCHATEAU **R.A. Smith**

R&D Project No.: 213172.00

PROJECT LEADER/ARCHITECT:

3.

ASHLAND, WI • MILWAUKEE, WI • MADISON, WI • DULUTH, MN
(715) 682-6056 (414) 254-6004 (608) 333-8940 (218) 726-4293
WWW.CHEQUA-YGER.COM

Drawing Title
BUILDING 111 - PARTIAL
LOWER LEVEL FLOOR PLAN -
ELECTRICAL DEMOLITION

Approved: Project Director

Project Title	Building 111 - Renovate South Entry
---------------	--

Location	Milwaukee, Wisconsin
----------	----------------------

Date	June 23, 2014
------	---------------

Checked By:
R&D

Drawn By:
R&D

FINAL CONSTRUCTION DOCUMENTS

Project Number	695-12-101SCP
Building Number	111

Drawing Number

ED100

Office of
Facilities
Management



A

three inches = one foot

B

one and one half inches = one foot

C

one inch = one foot

D

three quarters inch = one foot

E

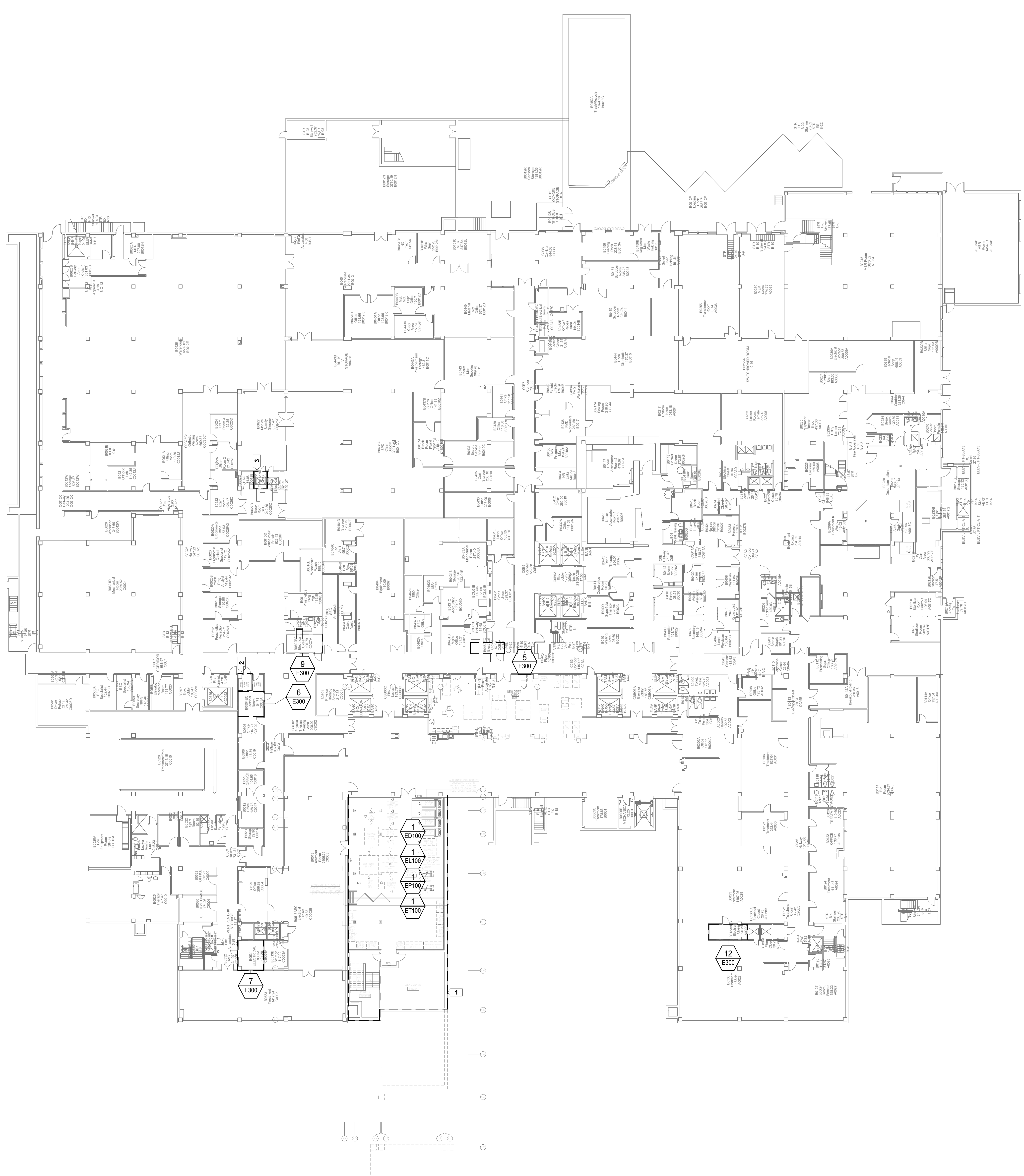
one half inch = one foot

F

one quarter inch = one foot

one eighth inch = one foot

one sixteenth inch = one foot



SHEET NOTES -

1. THE CIRCUITS IN THIS AREA SHALL BE FED FROM THE FOLLOWING PANEL BOARDS:
- NORMAL POWER BRANCH CIRCUIT 'NH' IS 480/277V AND SHALL BE FED FROM PANEL LH-B03-1, UNLESS NOTED OTHERWISE.
- NORMAL POWER BRANCH CIRCUIT 'NL' IS 208/120V AND SHALL BE FED FROM PANEL PL-B03-1, UNLESS NOTED OTHERWISE.
- CRITICAL POWER BRANCH CIRCUIT 'CH' IS 480/277V AND SHALL BE FED FROM PANEL ELH-CR-16-1, UNLESS NOTED OTHERWISE.
- CRITICAL POWER BRANCH CIRCUIT 'CL' IS 208/120V AND SHALL BE FED FROM PANEL EPL-CR-13-1, UNLESS NOTED OTHERWISE.
- EQUIPMENT POWER BRANCH CIRCUIT 'OL' IS 208/120V AND SHALL BE FED FROM PANEL EPL-0-B06-1, UNLESS NOTED OTHERWISE.
- LIFE SAFETY POWER BRANCH CIRCUIT 'LH' IS 480/277V AND SHALL BE FED FROM PANEL ELH-LS-15-1, UNLESS NOTED OTHERWISE.
- LIFE SAFETY POWER BRANCH CIRCUIT 'LL' IS 208/120V AND SHALL BE FED FROM PANEL EPL-LS-11-2, UNLESS NOTED OTHERWISE.
2. EC SHALL REFER TO ARCHITECTURAL FLOOR PLANS, REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS.
3. CIRCUIT NUMBERS INDICATED DO NOT REFLECT THE ACTUAL POSITION OF THE CIRCUIT BREAKER IN THE PANEL. RATHER, THE NUMBER INDICATES WHICH DEVICES ARE CONNECTED TO A COMMON CIRCUIT. EC SHALL UTILIZED SPARES, SPACES AND CIRCUITS RELIEVED FROM DUTY TO PROVIDE THE INDICATED NUMBER OF CIRCUITS.
4. EXISTING TO REMAIN, 'ETR' ON THIS PLAN REFERS TO THE STATUS OF BASIC ELECTRICAL DEVICES. THERE MAY BE SOME WORK REQUIRED IN THESE SPACES INVOLVING BACK-FEEDING EXISTING CIRCUITS OR OTHER MODIFICATIONS. SEE ALL DOCUMENTS THAT MAKE UP THIS CONTRACT FOR THE TOTAL EXTENT OF WORK REQUIRED IN ALL SPACES.
5. FIELD COORDINATE EXACT HEIGHT AND LOCATION OF LIGHT FIXTURES IN MECHANICAL, TELEDATA, AND ELECTRICAL ROOMS TO AVOID CONFLICT WITH MECHANICAL EQUIPMENT, DUCT WORK, PIPES, AND STRUCTURAL MEMBERS. FIXTURES SHALL BE CHAIN HUNG AND SUPPORTED FROM THE EXPOSED CEILING. DUCT WORK AND UTILITY PIPING SHALL NOT BE USED FOR SUPPORT. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER.
6. ALL FIRE ALARM NOTIFICATION STROBE DEVICES SHOWN ON THIS PLAN SHALL BE SERVED FROM EXISTING NAC PANELS WITHIN EXISTING CLOSET B053. REFER TO E100 FOR EXISTING PANEL LOCATION.
7. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE SLAB.
8. SEE SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.
9. SEE ARCHITECTURAL PLANS TO CONFIRM STUD DEPTH, FEEDING CIRCUITS THROUGH BOXES IS NOT ALLOWED IN SHALLOW STUD AREAS DUE TO NEC CUBIC INCH CAPACITY REQUIREMENTS. UTILIZE A 1-1/2" X 4-1/16" X 4-1/16" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE CEILING FOR DEVICE.
10. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET E000.
11. REMOVE ELECTRICAL CONNECTION TO PATIENT LIFT AS PART OF ALTERNATE BID DEDUCT.

KEYED NOTES -

1. DISCONNECT FOR MSF-B0320A.
2. DISCONNECT FOR MTCF-B0320A.

SYMBOLS:

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

- ⊕ RECEPTACLE, DUPLEX (IG) ISOLATED GROUND (TD) TRIPLE DUPLEX (TR) TAMPER RESISTANCE (WP) WEATHERPROOF W/ GFI RECEPTACLE

⊕ RECEPTACLE, QUADRAPLEX

46" ⊕ DUPLEX RECEPTACLE - MOUNTED AT SPECIAL MOUNTING HEIGHT INDICATED ON DRAWING OR AS INDICATED IN THE ASSOCIATED ARCHITECTURAL ELEVATION.

INDICATES MOUNTING HEIGHT WHEN SHOWN.

⊕ RECEPTACLE, SPECIAL PURPOSE OR EQUIPMENT CONNECTION - SEE EQUIPMENT SCHEDULE

⊕ DISCONNECT SWITCH

⊕ MOTOR STARTER - SEE EQUIPMENT SCHEDULE

⊕ VARIABLE FREQUENCY DRIVE

⊕ ELECTRIC SWITCH - SEE EQUIPMENT SCHEDULE

⊕ MOTOR, SINGLE-PHASE

⊕ MOTOR, THREE-PHASE

⊕ JUNCTION BOX

⊕ PANELBOARD CABINET, SURFACE MOUNTED

⊕ INDICATES DESIGNATION

⊕ KEYED NOTE SYMBOL

⊕ INDICATES QUANTITY OF DEVICES ASSOCIATED WITH UNIT

(FB) FLOOR BOX (PT) POKE-THRU (DA) DUCT ACTIVATION (TP) TELEPOWER POLE

INDICATES TYPE (SEE SPECIFICATION)
- XXX ⊕ FIRE ALARM

⊕ DENOTES THE FOLLOWING:
(C) CEILING MOUNTED
(W) WALL MOUNTED

⊕ DENOTES THE FOLLOWING:
(MMX) MONITOR MODULE - SEE MONITOR MODULE SCHEDULE
(X) - DENOTES SPECIFIC UNIT
(SV3) SPEAKER W/ 75 CANDELA STROBE
(SV4) SPEAKER W/ 110 CANDELA STROBE

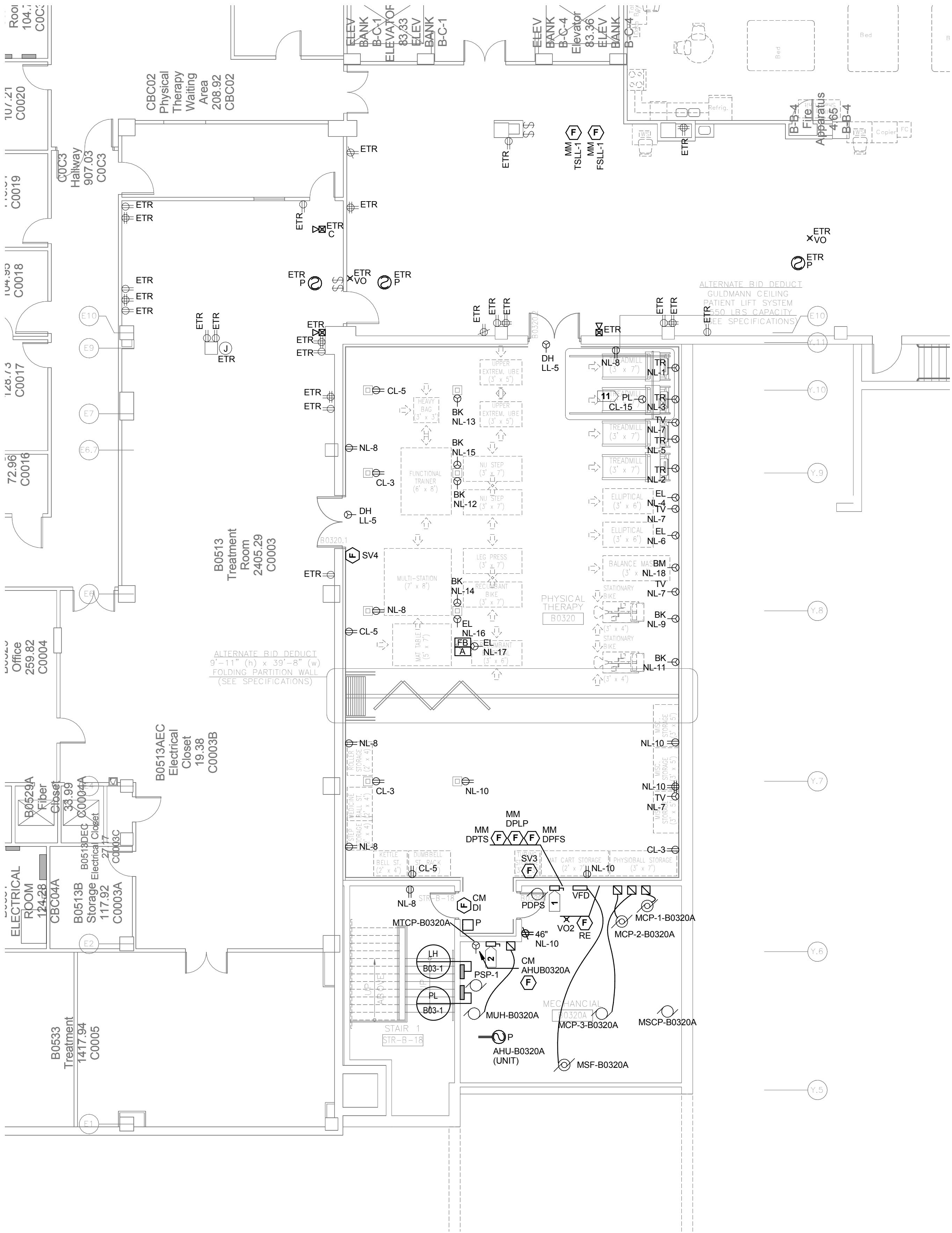
⊕ ALARM, FIRE, MANUAL PULL STATION

⊕ ALARM, HORN/SPEAKER/LIGHT, ONE ASSEMBLY; LETTERS INDICATE AS FOLLOWS:
(HV1) HORN W/ 15 CANDELA STROBE
(HV2) HORN W/ 30 CANDELA STROBE
(HV3) HORN W/ 75 CANDELA STROBE
(HV4) HORN W/ 110 CANDELA STROBE

⊕ ALARM, LAMP LIGHT, SIGNAL LIGHT, STROBE (VO) VISUAL UNIT ONLY

⊕ DETECTOR; LETTER INDICATES AS FOLLOWS:
(BLANK) SMOKE DETECTOR
(P) PHOTOELECTRIC SMOKE

⊕ DETECTOR, SMOKE, FOR DUCT



1 LOWER LEVEL FLOOR PLAN - POWER & FIRE ALARM
EP100 1/8" = 1'-0"

Revisions:

Date:

Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI

KEY PLAN:
EXISTING BLDG. 111
VESTIBULE ADDITION
ENTRY CANOPY

CONSULTANTS:
RING & DUCHATEAU
R.A. Smith National

PROJECT LEADER/ARCHITECT:
Chequamegon
ASH AND, WI ■ MILWAUKEE, WI ■ KANDISCH, WI ■ TULUTH, WI
(715) 482-2454 (715) 482-2454 (715) 482-2454 (715) 482-2454

Drawing Title
BUILDING 111 - PARTIAL
LOWER LEVEL FLOOR PLAN -
POWER & FIRE ALARM

Approved: Project Director

Project Title
Building 111 -
Renovate South Entry

Location
Milwaukee, Wisconsin

Date
June 23, 2014

Checked By:
R&D

Drawn By:
R&D

FINAL CONSTRUCTION DOCUMENTS

Project Number
695-12-101SCP

Building Number
111

Drawing Number
EP100

Office of
Facilities
Management

Department of
Veterans Affairs

VA FORM 08-6231, OCT. 1978

1

2

3

4

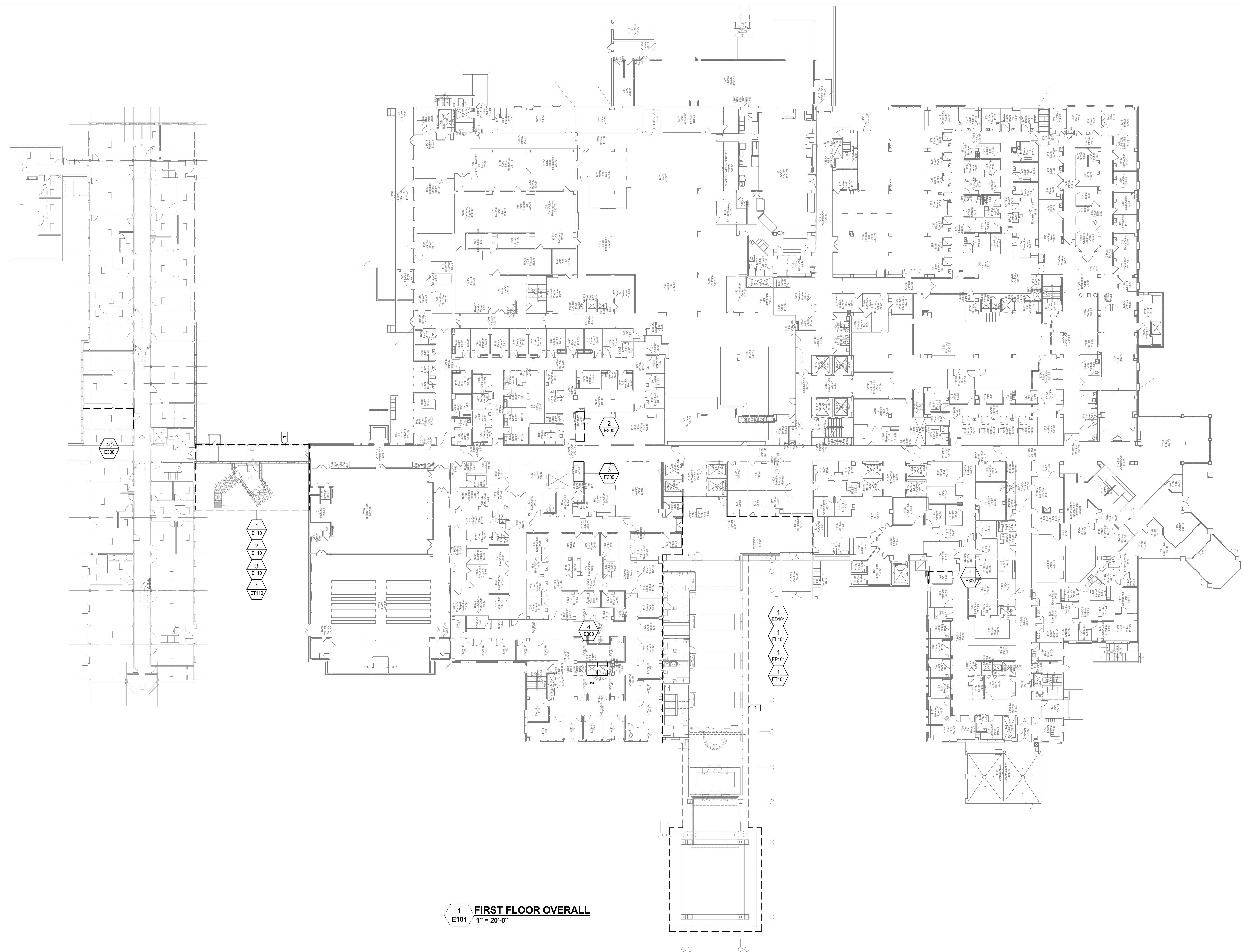
5

6

7

8

9



1 FIRST FLOOR OVERALL
E101 1" = 20'-0"

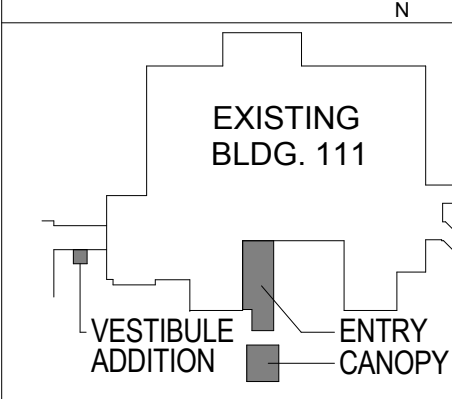
1" = 20'-0"

[illegible]

Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI



KEY PLAN:



VESTIBULE

EN

CONSULTANTS:



PROJECT LEADER/ARCHITECT:



ASHLAND, WI • MILWAUKEE, WI • MADISON, WI • DULUTH, MN
(715) 682-6004 (414) 258-8004 (608) 333-8940 (218) 728-4000
WWW.CHEQBAYGRR.COM

Drawing Title
BUILDING 111 OVERALL FIRST
FLOOR AND BUILDING 70
PARTIAL BASEMENT PLAN

Approved: Project Director

Project Title	Building 111 - Renovate South Entry
---------------	--

Location	Milwaukee, Wisconsin
----------	----------------------

Date
June 23, 2014

Checked By:
R&D

Drawn By:
R&D

FINAL CONSTRUCTION DOCUMENTS

Project Number	695-12-101SCP
Building Number	111

Drawing Number

F10-

E101

Office of
Facilities
Management



1 **PARIAL FIRST FLOOR 'ENTRY' PLAN - LIGHTING**
EL101 1/8" = 1'-0"

2 **PARIAL FIRST FLOOR 'CANOPY' PLAN - LIGHTING**
EL101 1/8" = 1'-0"

SHEET NOTES -










1. THE CIRCUITS IN THIS AREA SHALL BE FED FROM THE FOLLOWING PANEL BOARDS:
 - NORMAL POWER BRANCH CIRCUIT "N1" IS 480/277V AND SHALL BE FED FROM PANEL ELP-16-1, UNLESS NOTED OTHERWISE.
 - NORMAL POWER BRANCH CIRCUIT "N2" IS 208/120V AND SHALL BE FED FROM PANEL PL-13-1, UNLESS NOTED OTHERWISE.
 - CRITICAL POWER BRANCH CIRCUIT "CH" IS 480/277V AND SHALL BE FED FROM PANEL ELP-CH-10-1, UNLESS NOTED OTHERWISE.
 - CRITICAL POWER BRANCH CIRCUIT "L1" IS 208/120V AND SHALL BE FED FROM PANEL ELP-CH-13-1, UNLESS NOTED OTHERWISE.
 - LIFE SAFETY POWER BRANCH CIRCUIT "LH" IS 480/277V AND SHALL BE FED FROM PANEL ELP-LH-15-1-1, UNLESS NOTED OTHERWISE.
 - LIFE SAFETY POWER BRANCH CIRCUIT "L2" IS 208/120V AND SHALL BE FED FROM PANEL ELP-LS-11-2, UNLESS NOTED OTHERWISE.
2. EC SHALL REFER TO ARCHITECTURAL FLOOR PLANS, REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS.
3. CIRCUIT NUMBERS INDICATED DO NOT REFLECT THE ACTUAL POSITION OF THE CIRCUIT BREAKERS IN THE PANEL, RATHER THE PANEL INDICATED ARE THE PANELS WHICH ARE CONNECTED TO A COMMON CIRCUIT. EC SHALL UTILIZED SPACES, SPACES RESERVED AND RELAYED SPACES TO PROVIDE THE INDICATED NUMBER OF CIRCUITS.
4. EXISTING TO REMAIN, "ETR" ON THIS PLAN REFERS TO THE STATUS OF BASIC ELECTRICAL DEVICES. THERE MAY BE SOME WORK REQUIRED IN THESE SPACES INVOLVING BACK, REPAIR, OR RELOCATING CONDUIT AND/OR DEVICES. EC SHALL SEE ALL DOCUMENTS THAT MAKE UP THIS CONTRACT FOR THE TOTAL EXTENT OF WORK REQUIRED IN ALL SPACES.
5. FIELD COORDINATE EXACT HEIGHT AND LOCATION OF LIGHT FIXTURES IN MECHANICAL, TELEDATA, AND ELECTRICAL ROOMS. TO AVOID CONFLICT WITH MECHANICAL EQUIPMENT, DUCT WORK, PIPES, AND STRUCTURAL MEMBERS. FIXTURES SHALL BE CHAIN HUNG AND SUPPORTED FROM THE EXPOSED STRUCTURAL WORK. CONDUIT SHALL NOT BE USING SHOWN FOR SUPPORT. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER.
6. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE SLAB.
7. PROVIDE (10) TEMPORARY TYPE "SA" FIXTURES FOR TEMPORARY SERVICE CORRIDOR AS SHOWN ON PHASING DRAWINGS, MOUNT AT 8'-0" ON CENTER, CONNECT TO PANEL SL-10-1. SEE SHEET 1000-002 FOR PROJECT PHASING DRAWINGS AND NOTES.
8. ALL EXIT SIGNS SHALL BE FED FROM LH-18, UNLESS NOTED OTHERWISE.
9. SEE ARCHITECTURAL PLANS TO CONFIRM STUD DEPTH. FEEDING CIRCUITS THROUGH BOXES IS NOT ALLOWED IN SHALLOW STUD AREAS DUE TO NEC CUBIC INCH CAPACITY REQUIREMENTS. UTILIZE A 1"x2"x4"x11/16"x4" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE CEILING FOR DEVICE.
10. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED IN THE CONTRACT. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFER TO SHEET 1000-000.

KEYED NOTES -

1. REFER TO 1/E/L101 FOR CONTINUATION.
2. REFER TO 2/E/L101 FOR CONTINUATION.
3. EC SHALL CAPTURE AND EXTEND THE CIRCUIT AND CONTROLS SERVING THE ADJACENT FIXTURES.
4. PROVIDE PHOTOSENSOR IN THIS LOCATION TO CONTROL TYPE "A" LIGHTING. PHOTOSENSOR THRESHOLD SHALL BE SET WITH THE OWNER PRIOR TO COMPLETION.
5. EC SHALL VERIFY IF EXISTING PHOTOCELL SERVES ONLY THE DEMOLISHED CANOPY LIGHTING. IF SO, REMOVE.
6. CENTER LAMP OF FIXTURE SHALL BE CONNECTED TO CRITICAL POWER BRANCH CIRCUIT AND (2) OUTBOARD LAMPS SHALL BE CONNECTED TO NORMAL POWER BRANCH CIRCUIT.
7. ALL CANOPY LIGHTING SHALL BE CONTROLLED BY THE NEW PHOTOCELL FOR DUSK UNTIL DAWN OPERATION.

SYMBOLS:

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

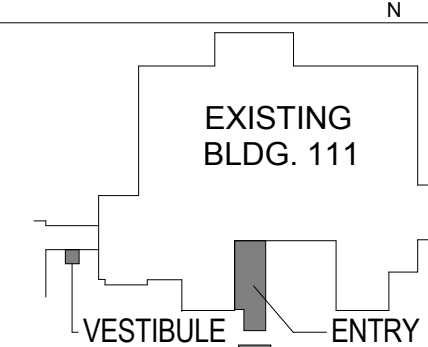
- LIGHT FIXTURE RECESSED MOUNTED
- ⬡ LIGHT FIXTURE CEILING MOUNTED
-  LIGHT FIXTURE, RECESSED FLUORESCENT, 2x4 LETTER INDICATES TYPE.
-  LIGHT FIXTURE, RECESSED FLUORESCENT, 1x4 LETTER INDICATES TYPE.
-  LIGHT FIXTURE, RECESSED FLUORESCENT, 2x2 LETTER INDICATES TYPE.
-  LIGHT FIXTURE, FLUORESCENT EMERGENCY; LETTER INDICATES TYPE.
- LIGHT FIXTURE, STRIP/INDUSTRIAL FLUORESCENT; LETTER INDICATES TYPE.
-  LIGHT FIXTURE, WALL MOUNTED
- ✕ EXIT LIGHT - CEILING MOUNTED
- ✕ EXIT LIGHT - WALL MOUNTED
- SINGLE POLE SWITCH - TOGGLE TYPE
- K/S SWITCH DESIGNATION
- SWITCH TYPE
- (2) DOUBLE POLE
- (3) 3 WAY
- (4) 4 WAY
- (K) KEY OPERATED
- (P) WITH PILOT LIGHT INDICATION
- (T) TIMER SWITCH
- (D) DIMMER
-  PHOTO-CELL
- x  OCCUPANCY SENSOR - SEE OCCUPANCY SENSOR SCHEDULE
- "X" DENOTES SPECIFIC TYPE
-  PHOTO SENSOR - SEE SPECIFICATIONS FOR TYPE
-  KEYED NOTE SYMBOL

[illegible]

Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI



KEY PLAN:



CONSULTANTS:



PROJECT LEADER/ARCHITECT:



Drawing Title
**BUILDING 111 - PARTIAL FIRST
FLOOR PLAN - LIGHTING**

Approved: Project Director

Project Title	Building 111 - Renovate South Entry
---------------	--

Location	
Milwaukee, Wisconsin	
Date	Checked
June 23, 2014	R&

FINAL CONSTRUCTION DOCUMENTS

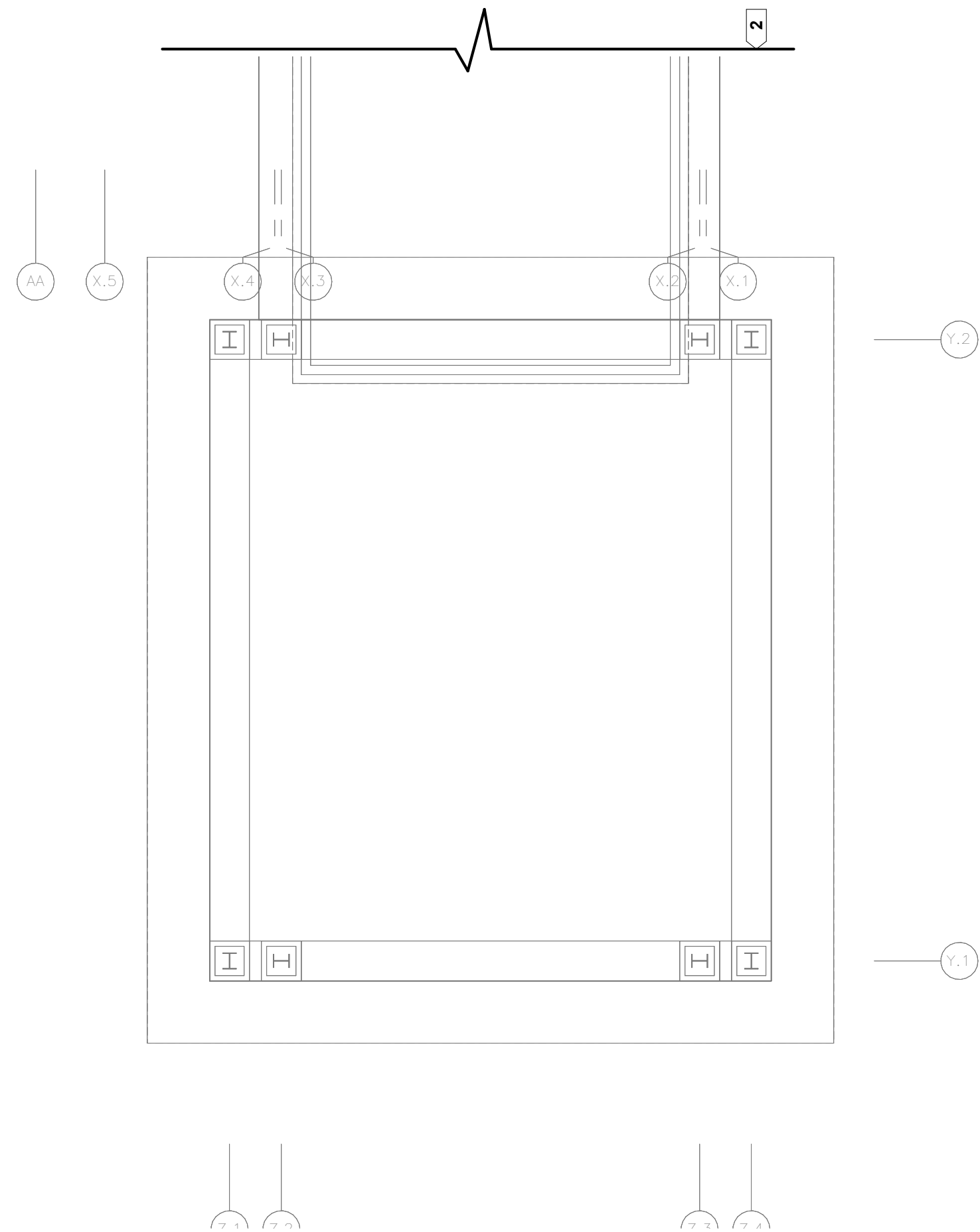
Project Number	695-12-101SCF
Building Number	111

Drawing Number

EL101

Office of
Facilities
Management








- ### KEYED NOTES -
1. EC SHALL CAPTURE AND EXTEND CIRCUITING AND CONTROLS FROM THE EXTERIOR LIGHT BEING DEMOLISHED IN THIS AREA.
 2. EC SHALL CAPTURE AND EXTEND THE 120v LIFE SAFETY CIRCUIT SERVING THE EXISTING LIGHTING AND EXIT SIGNS.

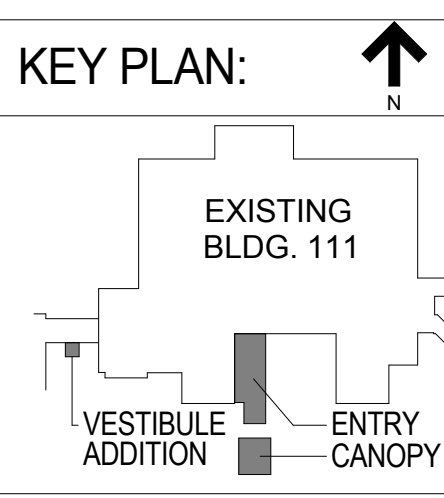
SYMBOLS:

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

- | | |
|---------------------------------|---|
| FINAL CONSTRUCTION DOCUMENTS | |
| Project Number
695-12-101SCP | Office of
Facilities
Management |
| Building Number
111 | |
| Drawing Number
E110 |  Department of
Veterans Affairs |
| Drawn By:
R&D | |

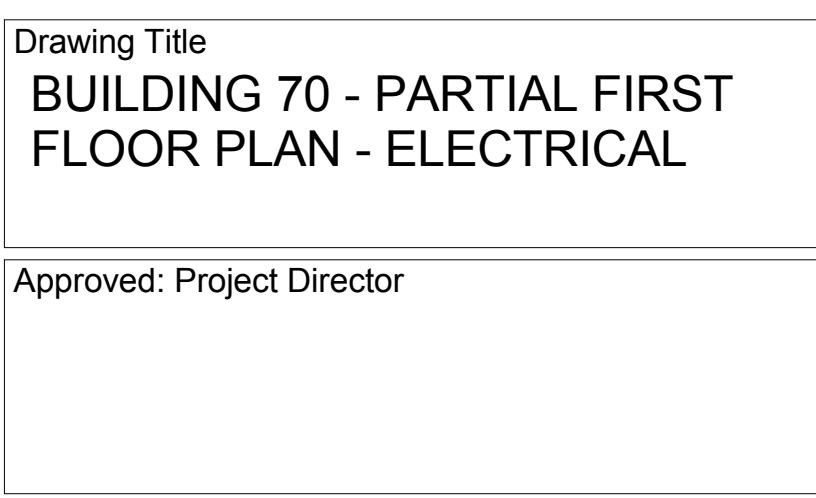


Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI



CONSULTANTS:

PROJECT LEADER/ARCHITECT:



Project Title	Building 111 - Renovate South Entry
---------------	--

Location	Milwaukee, Wisconsin
----------	----------------------

Date
June 23, 2014

Checked By:
R&D

Drawn By:
B&D

FINAL CONSTRUCTION DOCUMENTS

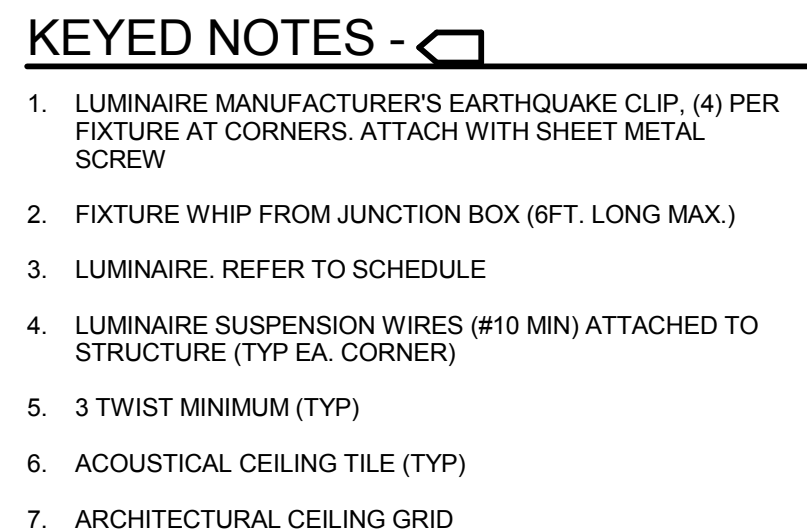
Project Number	695-12-101SCP
Building Number	111

Drawing Number

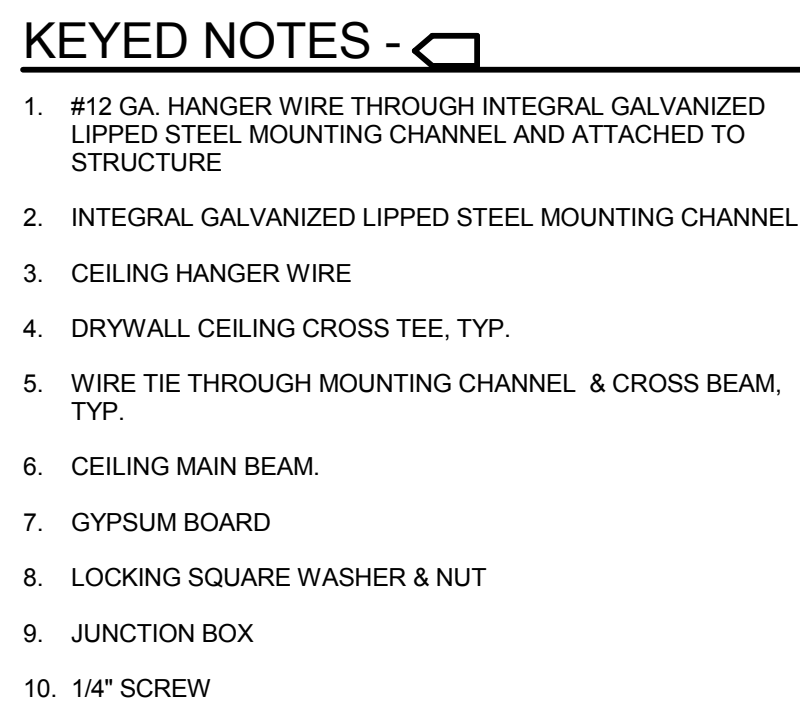
E110

Office of
Facilities
Management

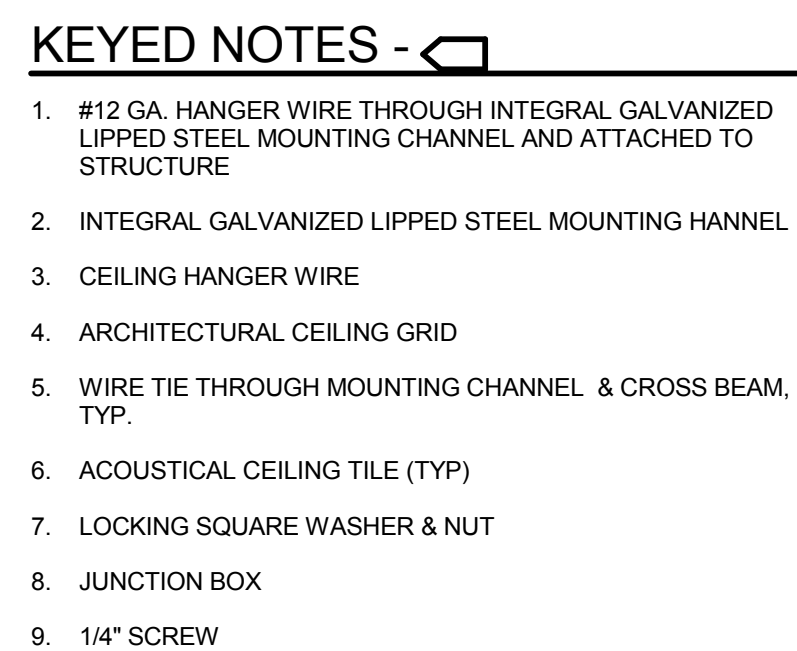




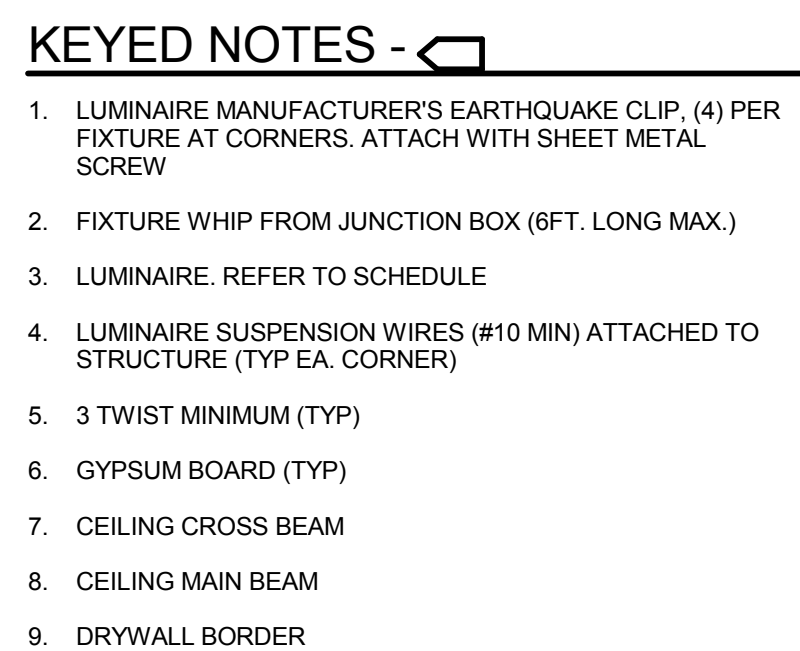
4 LUMINAIRE MOUNTING - LAY-IN CEILING
E500 NOT TO SCALE



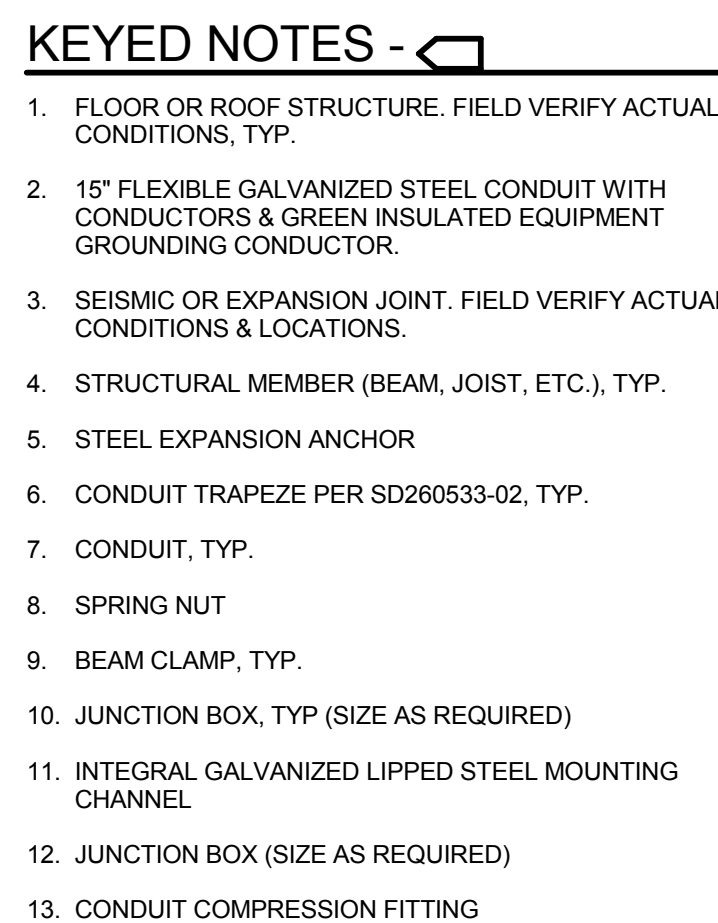
3 EXIT SIGN MOUNTING - GYPBOARD CEILING
E500 NOT TO SCALE



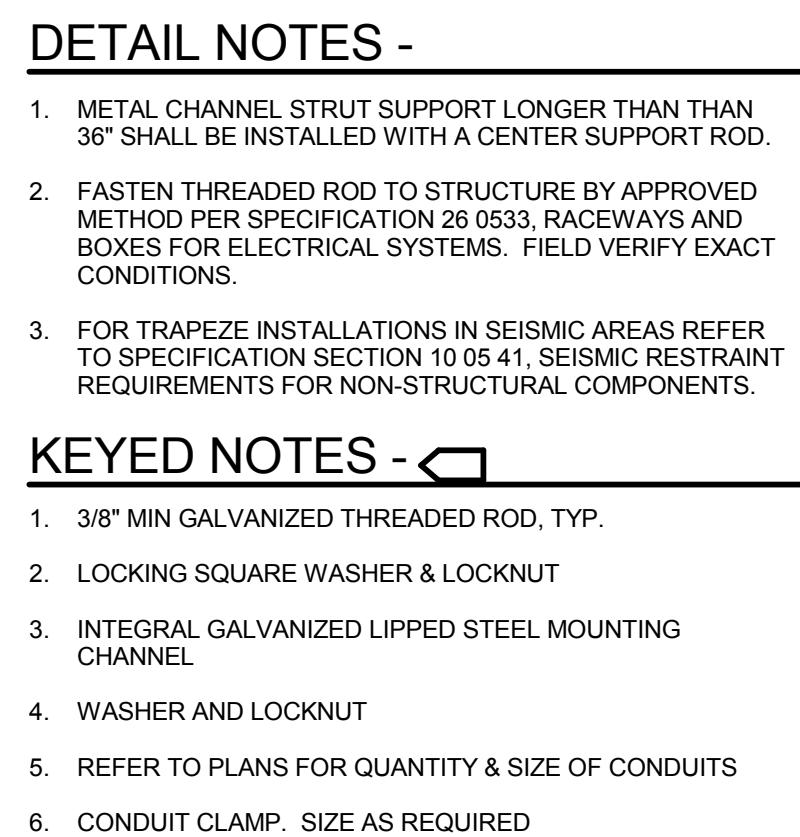
2 EXIT SIGN MOUNTING - LAY-IN CEILING
E500 NOT TO SCALE



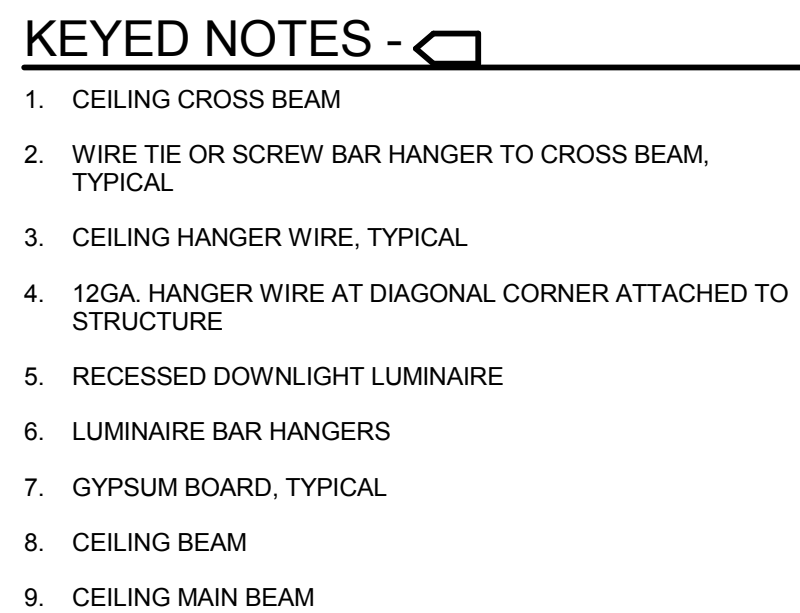
1 LUMINAIRE MOUNTING - GYPBOARD CEILING
E500 NOT TO SCALE



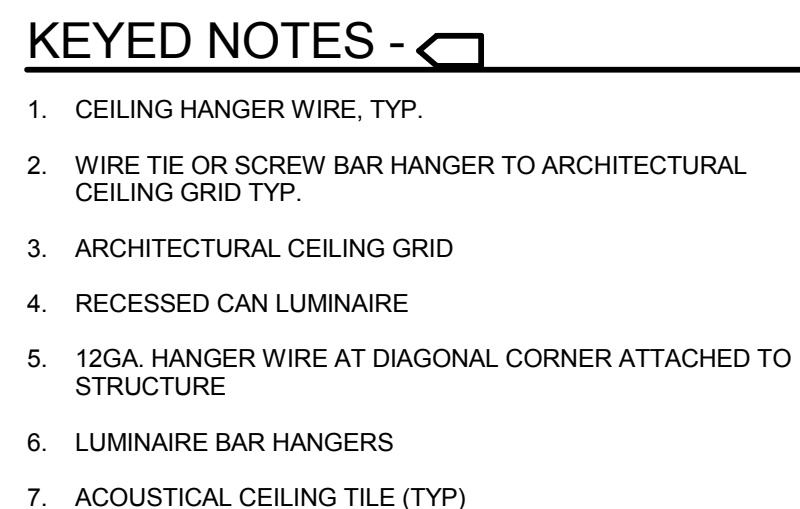
8 CONDUIT JOINT CROSSING DETAIL
E500 NOT TO SCALE



7 CONDUIT TRAPEZE MOUNTING DETAIL

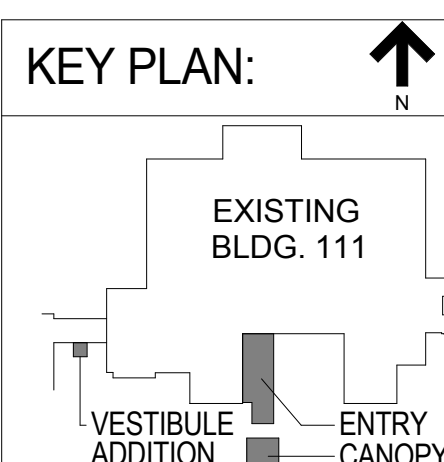


6 DOWNLIGHT MOUNTING - GYPBOARD CEILING
E500 NOT TO SCALE



5 DOWNLIGHT MOUNTING - LAY-IN CEILING
E500 NOT TO SCALE

Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI



CONSULTANTS:

PR RING & DUCHATEAU **R.A. Smith**
National

R&D Project No. 213172.00

PROJECT LEADER/ARCHITECT:



Drawing Title	ELECTRICAL DETAILS
---------------	--------------------

Approved: Project Director

Project Title	Building 111 - Renovate South Entry
---------------	--

Location	Milwaukee, Wisconsin
----------	----------------------

Checked By: R&D	Drawn By: R&D
--------------------	------------------

FINAL CONSTRUCTION DOCUMENTS

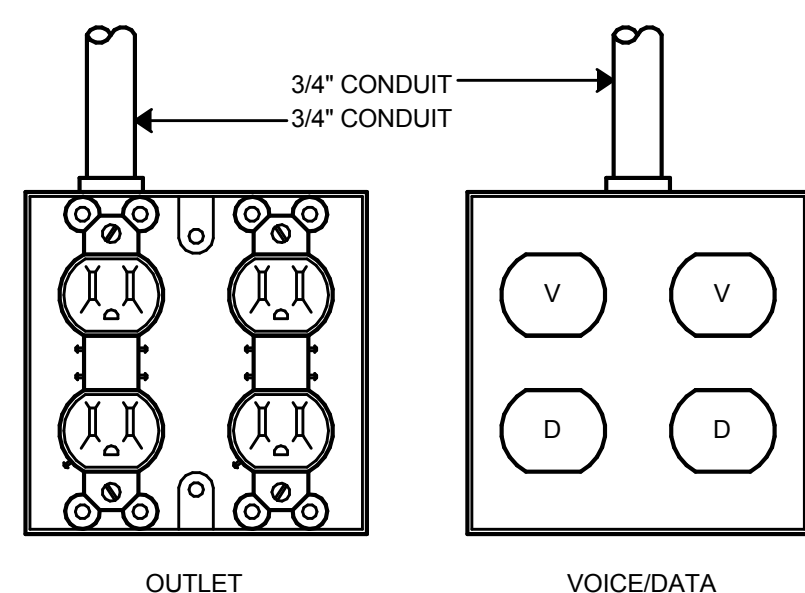
Project Number	695-12-101SCP
Building Number	111

Drawing Number	
----------------	--

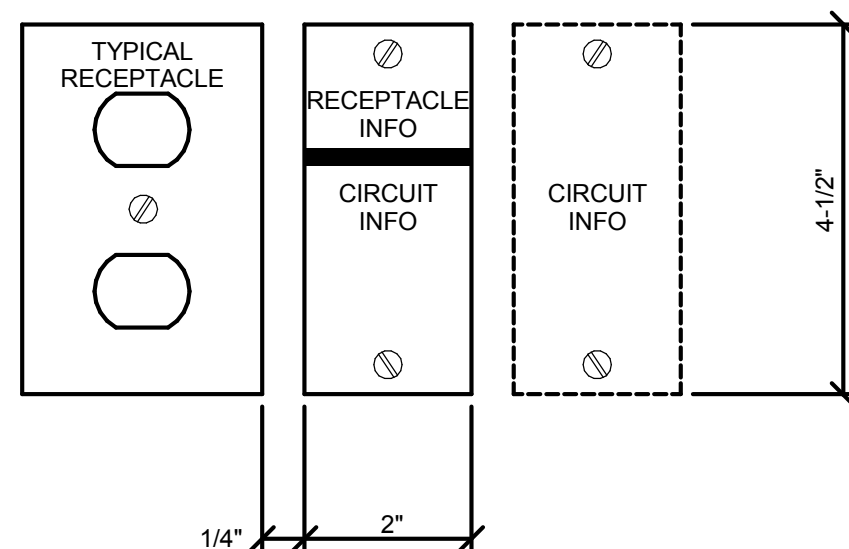
E500

Office of
Facilities
Management



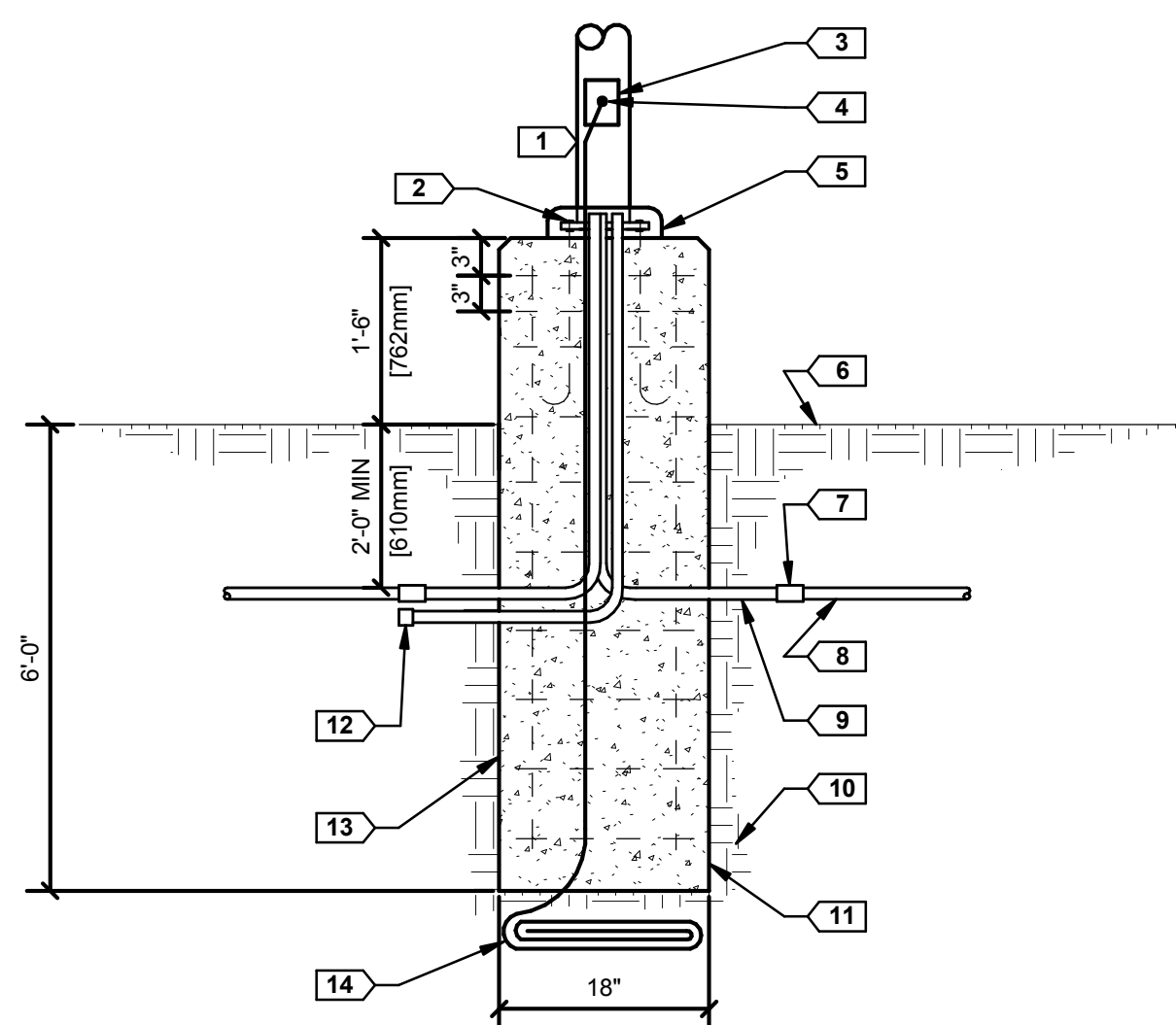


3 OUTLET DETAIL
E502 NOT TO SCALE



ALL LABELS TO BE 1/16" PHENOLIC PLASTIC, RECEPTACLES ON EMERGENCY POWER TO USE RED PLASTIC WITH WHITE LETTERING. RECEPTACLES ON NORMAL POWER TO USE BLACK PLASTIC WITH WHITE LETTERING TO BE 3/16" HIGH. LOCATION OF LABELS AS SHOWN OR AS DIRECTED BY COR. SCREW LABELS TO WALL WITH #6 X3/4" LENGTH SCREW, SET IN PLASTIC DRYWALL TYPE ANCHORS.

2 RECEPTACLE LABEL DETAIL



1 POLE BASE DETAIL - VA
E502 NOT TO SCALE

DETAIL NOTES -

1. BACKFILL, CONCRETE, REINFORCING STEEL, AND ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. SEE STRUCTURAL DRAWINGS FOR GENERAL NOTES.

KEYED NOTES -

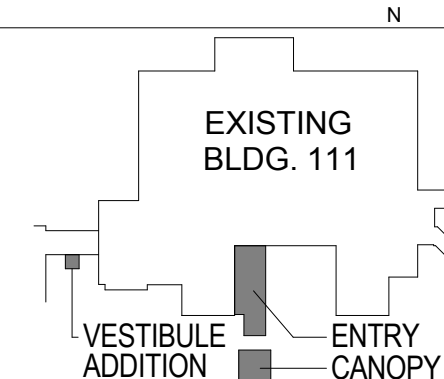
1. LIGHT POLE PER LIGHT FIXTURE SCHEDULE
2. ANCHOR BOLTS PER POLE MANUFACTURER'S REQUIREMENTS WITH LEVELING NUTS ABOVE & BELOW BASE PLATE
3. 3"x5" [76x127mm] REINFORCED HAND HOLE WITH TAMPER RESISTANT SCREWS PROVIDE IN-LINE SCREW-TYPE FUS HOLDERS (WITH FUSE(S))
4. POLE GROUNDING STUD
5. 2-PIECE BOLT COVER PLATE.
6. FINISHED GRADE
7. PVC CONDUIT ADAPTER COUPLING
8. PVC CONDUIT
9. RIGID STEEL CONDUIT
10. UNDISTURBED SOIL OR SELECT BACKFILL COMPACTED, SEE NOTE BELOW.
11. 2'-0" DIA CONCRETE BASE REINFORCED WITH (6) #6 VERTICALS AND (3) HOOPS AT 12" OC.
12. 1' EMPTY CONDUIT WITH CAP (WHERE SHOWN ON PLANS)
13. CONCRETE BASE REINFORCING STEEL, SEE NOTE BELOW.
14. #4 BARE COPPER GROUND 20T COILED BELOW BASE

[illegible]

Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI



KEY PLAN:



CONSULTANTS:



PROJECT LEADER/ARCHITECT:



Drawing Title
ELECTRICAL DETAILS

Approved: Project Director

Project Title	Building 111 - Renovate South Entry
---------------	--

Location
Milwaukee, Wisconsin

Date
June 23, 2014

Checked By:
R&D

Drawn By:
R&D

FINAL CONSTRUCTION DOCUMENTS

Project Number
695-12-101SCP

Building Number
111

Drawing Number

E502

Office of
Facilities
Management



three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

OCCUPANCY SENSOR SCHEDULE														
TYPE	CEILING	WALL	200	1000	2000	180"	360"	DUAL TECH	MANUFACTURER SERIES					NOTES
									LEVITON	WATT-STOPPER	HUBBELL	SENSOR SWITCH	LUTRON	
A	X				X	X		X	OSC05	DT-200	OMNI-DT	WV-PDT	LOS-CDT	2
B	X			X			X	X	OSC10	DT-300	OMNI-DT	WV-PDT	LOS-CDT	2
8	X	X	X		X			X	ODWHB	CX-100-1	LOIRHB	HM-50R	WDT	
D		X	X					X	OSSMD	DW-200	LHMTD2	WSD-PDT	LOS-SIR	2
E	X						X		OSWLR	CX-105	LOIR	HWR13	LOS-WIR	2

OCCUPANCY SENSOR SCHEDULE NOTES:

1. SENSOR TO HAVE MICROPHONICS DETECTION.
2. ALL SENSORS SHALL FAIL IN A CLOSED POSITION. PROVIDE RELAY PACK OR AUXILIARY DEVICES AS REQUIRED.

LIGHT FIXTURE SCHEDULE

ID	FIXTURE DESCRIPTION	LAMPS					BALLASTS		INPUT WATTS	VOLT	MOUNT	CEILING TYPE	FIXTURE DEPTH	FIXTURE SPECIFICATION AND ACCEPTABLE MANUFACTURERS		OPTIONS	SEE NOTE	
		TYPE	NO.	DESCRIPTION	WATTS	K	CRI	TYPE						NO.	MANUFACTURER			CATALOG SERIES
AC	2x4 RECESSED INDIRECT CENTER BASKET 3-LAMP	F	3	F32T8	32	4100	82	ET	2	84	277V MVOLT	R	LG	<5	LITHONIA METALUX DAYBRITE	2AV-MDR	12	
CH	2x2 RECESSED INDIRECT CENTER BASKET 3-LAMP	F	3	F40BX	40	4100	82	ET	2	122	277V MVOLT	R	LG	<5	LITHONIA METALUX DAYBRITE	2AV-MDR	12	
CJ	2x2 RECESSED INDIRECT CENTER BASKET 2-LAMP	F	2	F40BX	40	4100	82	ET	1	78	277V MVOLT	R	LG	<5	LITHONIA METALUX DAYBRITE	2AV-MDR	12	
DA	6" FLUORESCENT DOWNLIGHT	F	1	F32TRT	32	4100	82	ET	1	36	277V MVOLT	R	V	<7	GOTHAM PORTFOLIO REVELATION	AF6	16	
DB	6" FLUORESCENT DOWNLIGHT	F	1	F42TRT	42	4100	82	ET	1	46	277V MVOLT	R	V	<7	GOTHAM PORTFOLIO REVELATION	AF6	16	
DP	4" VERTICAL FLUORESCENT DOWNLIGHT	F	1	F18TRT	18	4100	82	ET	1	20	277V MVOLT	R	V	<10	GOTHAM PATHWAY REVELATION	AFV 4VF	16	
FA	LINEAR FLUORESCENT DIRECT/INDIRECT W/ DIFFUSING LENS	F	AR	F28T5	28	4100	82	ET	AR	20W/FT	277V MVOLT	S	W		AXIS SML-1/SML-2IN-ASY		12,28	4.5,7
FD	4FT DIRECT/INDIRECT WALL BRACKET STAIRWELL	F	1UP 2DN	F32T8	32	4100	82	ET	2	84	277V MVOLT	S	W		AXIS PINNACLE LITECONTROL	B8W-S EX48-A-O WID46 L4-F-DLD	17,35,49	6
FR	12" SLIM PROFILE LED STRIP WITH SHIELD	LED	-	IN UNIT	6/FT	4000	85	DR	1	6W/FT	120/24	S	DISPLAY CASE		PRIOR APPROVED EQUAL		36	8
OE	EXTERIOR FLUORESCENT SECURITY FIXTURE WALL MOUNTED	F	2	F42TRT	42	4100	82	COLD TEMP	SEE NOTE	89	277V MVOLT	S	W	13	GARDCO	101-MT	13,35	2,5
OG	8" LENSED DOWNLIGHT FLUORESCENT	F	2	F32TRT	32	4100	82	COLD TEMP	1	68	277V MVOLT	R	V	<7	DESIGN PLAN PRIOR APPROVED EQUAL	RHL-8	14,35,46	
OH	8" LENSED DOWNLIGHT FLUORESCENT	F	1	F32TRT	32	4100	82	COLD TEMP	1	36	277V MVOLT	R	V	<7	DESIGN PLAN PRIOR APPROVED EQUAL	RHL-8	14,35,46	
SA	4" INDUSTRIAL STRIP WITH 5% UPLIGHT - CHAIN HUNG WITH WIRE GUARD	F	2	F32T8	32	4100	82	ET	1	56	277V MVOLT	P	ES	4.5	LITHONIA METALUX DAYBRITE	EJA	23,24	3
XA	SINGLE FACE DIE-CAST EXIT SIGN	LED	-	IN UNIT	3	-	-	-	-	3	277V MVOLT	V	V	9.5	LITHONIA CHLORIDE ISOLITE	LES1	36,40	
XB	DOUBLE FACE DIE-CAST EXIT SIGN	LED	-	IN UNIT	3	-	-	-	-	3	277V MVOLT	V	V	9.5	LITHONIA CHLORIDE ISOLITE	LES2	36,40	

NOTE:
SEE SPECIFICATION SECTIONS 26 50 00 AND 26 02 37 FOR ADDITIONAL INFORMATION REGARDING LIGHTING FIXTURE AND INSTALLATION REQUIREMENTS. PROVIDE OPTIONS AND ACCESSORIES REFERENCED BY THE COLUMN TITLED "OPTIONS". MANUFACTURERS AS ACCEPTABLE SHALL MEET ALL REQUIREMENTS AND FEATURES INDICATED. ACCEPTABLE MANUFACTURERS MUST MEET THE PHOTOMETRIC PERFORMANCE OF THE LISTED UNIT.

ABBREVIATIONS:

AR = AS REQUIRED	EM = END MOUNT	FD10 = FLUORESCENT DIMMING 10-100%	LD = LED DIMMING	R = RECESS	XFMR = TRANSFORMER
CAB = CABINET	ES = EXPOSED STRUCTURE	H = HID	OT = OTHER	RM = REMOTE	
CL = CLEAR	ET = ELECTRONIC	HAL = HALOGEN	P = PENDANT	S = SURFACE	
DM = LED DIMMING 0-10V	F = FLUORESCENT	HPF = HIGH POWER FACTOR	PL = PLASTER	ST = STANDARD	
DR = LED DRIVER	FD1 = FLUORESCENT DIMMING 1-100%	I = INCANDESCENT	PS = PULSE START	V = VARIES	
DW = DRYWALL	FD5 = FLUORESCENT DIMMING 5-100%	LG = LAY-IN GRID	Q = QUARTZ	W = WALL MOUNTED	

1 = AIR HANDLING CAPABILITY - RETURN AIR	21 = FURNISH WITH SLOPE ADAPTER - VERIFY SLOPE	40 = FURNISH WITH UNIVERSAL ARROWS AND GREEN STENCIL FACE
2 = FURNISH WITH STAGGERED LAMPS	22 = FURNISH WITH AUXILIARY EMERGENCY BATTERY BALLAST	41 = FURNISH FOR FIRE RATED CONSTRUCTION
3 = FURNISH WITH ANTI-MICROBIAL FINISH	23 = FURNISH WITH WIRE GUARD	42 = FURNISH WITH GLARE SHIELD AND LEXAN PROTECTIVE COVER
4 = SEMI-SPECULAR, LOW IRIDESCENT PARABOLIC LOUVERS	24 = FURNISH CHAIN MOUNTING ACCESSORIES	43 = FURNISH WITH UNIVERSAL ARROWS AND RED STENCIL FACE
5 = FURNISH WITH MINI JUNCTION BOX	25 = FURNISH WITH RIGID PENDANT SYSTEMS	AND BATTERY BACK-UP (NO GENERATOR)
6 = FLAT ALUMINUM DOOR FRAME - MITERED CORNERS	26 = FURNISH WITH SWIVEL CANOPY	44 = FURNISH WITH UNIVERSAL MOUNT
7 = REGRESSED ALUMINUM DOOR FRAME	27 = FURNISH WITH SYMMETRICAL REFLECTOR	45 = FURNISH WITH SOFTENING LENS, EGGRATE LOUVER AND HOLDER
8 = FLAT STEEL DOOR FRAME	28 = FURNISH WITH ASYMMETRICAL REFLECTOR	46 = FURNISH WITH PRISMATIC LENS
9 = SINGLE GASKETED DOOR FRAME	29 = FURNISH WITH PERFORATED DIFFUSER	47 = FURNISH WITH SPRING LOADED LATCHES
10 = DOUBLE GASKETED DOOR FRAME	30 = FURNISH WITH SOLID FRONT	48 = FURNISH WITH HINGED DOOR
11 = TRIPLE GASKETED DOOR FRAME, LENS, BODY	31 = FURNISH WITH PHOTO CELL	49 = FURNISH WITH TOP AND BOTTOM LENS
12 = POST PAINTED FINISH	32 = FURNISH WITH DIMMING BALLAST COMPATIBLE WITH DIMMING CONTROL	50 = FURNISH WITH LOUVER
13 = WET LOCATION CONSTRUCTION	33 = WHITE STRAIGHT BLADE LOUVERS	51 = FURNISH WITH MIRRORRED BACKGROUND
14 = DAMP LOCATION CONSTRUCTION	34 = FURNISH TRIM SUITABLE FOR USE WITH NARROW TEE CLG SUSPENSION SYSTEM	52 = FURNISH WITH SELF DIAGNOSTICS
15 = STAINLESS STEEL TRIM AND DOOR FRAME	35 = CUSTOM FINISH - COLOR AS SELECTED BY ARCHITECT/OWNER	53 = FURNISH WITH FIELD ADJUSTABLE CHEVRONS
16 = MATTE DIFFUSE LOW IRIDESCENT REFLECTOR	36 = STANDARD FINISH - COLOR AS SELECTED BY ARCHITECT/OWNER	54 = FURNISH WITH END CAPS
17 = FURNISH WITH DUST COVER	37 = FURNISH WITH RF NOISE SUPPRESSORS (ADVANCE RIF-1) FOR EACH BALLAST	55 = FURNISH WITH ADJUSTABLE AIR CRAFT CABLE
18 = FURNISH WITH ROCKER SWITCH	38 = FURNISH WITH ACRYLIC LENS WITH INTEGRAL RFI SHIELDING	56 = FURNISH WITH IP65 RATING
19 = FURNISH WITH LENS AND GASKET	39 = FURNISH WITH HOUSE SIDE SHIELD	57 = LAMP AND BALLAST CERTIFIED FOR MIL-STD461F
20 = FURNISH WITH AUXILIARY QUARTZ RESTRIKE		58 = FURNISH WITH LOW VOLTAGE CONTROL (LVC)

GENERAL NOTES:

1. VERIFY CEILING T-BAR WIDTH (I.E. 9/16", 15/16", 1.5") WITH THE ARCHITECT/INTERIORS SPECIFICATION PRIOR TO ORDERING LAY-IN FIXTURES.

LIGHT FIXTURE SCHEDULE NOTES:

1. NOT USED.
2. PROVIDE WITH BALLAST SUITABLE FOR -22F STARTING TEMPERATURE. PROVIDE BALLAST FOR LAMPS IN PARALLEL OR PROVIDE BALLAST FOR EACH LAMP SO THAT ONE LAMP BURNS OUT THE OTHER STAYS LIT.
3. FIELD COORDINATE EXACT HEIGHT AND LOCATION OF LIGHT FIXTURES TO AVOID CONFLICTS WITH MECHANICAL EQUIPMENT, DUCT WORK, PIPES AND STRUCTURAL MEMBERS. FIXTURES SHALL BE CHAIN HUNG AND SUPPORTED FROM THE EXPOSED CEILING. DUCT WORK OR UTILITY PIPING SHALL NOT BE USED FOR SUPPORT. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
4. PROVIDE 1-LAMP IN CROSS SECTION. PROVIDE IN LENGTHS AS SHOWN.
5. IF SUBMITTING A FIXTURE FOR APPROVAL AS AN EQUAL, PROVIDE CUT SHEET AND IES PHOTOMETRIC FILE PRIOR TO BIDDING. A WORKING SAMPLE OF THE FIXTURE MAY BE REQUIRED FOR APPROVAL BY THE A/E.
6. PROVIDE 3-LAMP IN CROSS SECTION. BOTTOM TWO LAMPS SHALL BE WIRED TO LIFE SAFETY (UNSWITCHED) AND THE SINGLE TOP LAMP SHALL BE WIRED TO NORMAL (UNSWITCHED).
7. FURNISH WITH STAGGERED LAMPS IN LAMP LENGTHS LISTED.
8. PROVIDE FIXTURE MOUNTED VERTICALLY AT THE FRONT OF THE DISPLAY CASE TO PROVIDE COVERAGE FOR THE SHELVING. PROVIDE LENGTH NECESSARY FOR DISPLAY CASE. PROVIDE WITH LED POWER SUPPLY/DRIVER IN RATING TO ACCOMMODATE LOAD.
- POWER SUPPLY SHALL BE LOCATED IN THE NEAREST ACCESSIBLE LOCATION OUT OF VIEW, POSSIBLY IN THE BASE OF THE DISPLAY CASE. THE FIVE-SIDED EXTRUSION WITH SHIELD SHALL BE MOUNTED SO THE LEDS ARE NOT VISIBLE WHILE ILLUMINATING THE CONTENTS OF THE DISPLAY CASE. FIELD VERIFY.

Revisions:

Date:

Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI

KEY PLAN:

EXISTING BLDG. 111

VESTIBULE ADDITION

ENTRY CANOPY

CONSULTANTS:

R. A. Smith
National

R&D Project No.: 213172.00

PROJECT LEADER/ARCHITECT:

Chequamegon

AD&E AND, WI ■ AS&E VA/VA/VE ■ K&A/DC&A/VE ■ D&L/VE/VE/VE
(715) 482-2424 ■ (715) 482-2424 ■ (715) 482-2424 ■ (715) 482-2424

Drawing Title
LIGHTING SCHEDULES

Approved: Project Director

Project Title
Building 111 -
Renovate South Entry

Location
Milwaukee, Wisconsin

Date
June 23, 2014

Checked By:
R&D

Drawn By:
R&D

FINAL CONSTRUCTION DOCUMENTS

Project Number
695-12-101SCP

Building Number
111

Drawing Number
E600

Office of
Facilities
Management

Department of
Veterans Affairs

VA FORM 08-6231, OCT. 1978

1

2

3

4

5

6

7

8

9

PLUMBING EQUIPMENT SCHEDULE																																			
NO.	SERVING	LOC.	VOLT/ PHASE	HP	FLA	KW	FEED FROM			OCPD			BRANCH WIRING			MOTOR CONTROLLER			DISCONNECT SWITCH			CONNECTION REQUIREMENTS			SEE NOTE										
							PANEL	CKT	BRNH	TYPE	SIZE	POLE	NO.	SIZE	GRD (W/IN)	COND	GRD SIZE	FURN BY	INST BY	WIRE BY	LOC.	TYPE	OPTIONS	FURN BY		INST BY	WIRE BY	LOC.	OPTIONS	NEMA TYPE	OPTIONS	MTG HEIGHT			
PSP-1	SUMP PUMP	SFP	208/1	0.75	7.6	1.6	EDL-Q-B06-1	-	EQ	CB	SD	SD	SD	SD	SD	SD	SD	PC	PC	EC	NU	-	-	-	EC	EC	EC	NU	4	-	3.10	-	SD		
PDP5	DRY PIPE SYSTEM COMPRESSOR	SFP	480/3	1.5	3	2.5	ELH-LS-15-1	8,10,12	LS	CB	15	3	3	12	Y	1/2	12	EC	EC	EC	NU	CS	5, 7, 15, 16, 17	-	EC	EC	EC	NU	4	-	3.10	-	-		
ABBREVIATIONS:																																			
N = NORMAL BRANCH		CB	= AMPERE RATED CIRCUIT BREAKER					MFR =		MANUFACTURER					2SP =		2 SPEED MAGNETIC CONTROLLER					SFS =		SEE FOOD SERVICE PLANS					SA =		SEE ARCHITECTURAL DETAILS				
LS = LIFE SAFETY BRANCH		F	= AMPERE RATED FUSES					PC =		PLUMBING CONTRACTOR					VFD =		VARIABLE FREQUENCY DRIVE					SD =		SEE ONLINE DIAGRAM											
CR = CRITICAL CARE BRANCH		OCPD	= OVERCURRENT PROTECTIVE DEVICE					MAN =		MANUAL CONTROLLER					IU =		IN UNIT					BOL =		BUILT-IN OVERLOAD											
EQ = EQUIPMENT SYSTEM		EC	= ELECTRICAL CONTRACTOR					MAG =		MAGNETIC CONTROLLER					NU =		NEAR UNIT					WP =		WEATHER PROOF											
EM = EMERGENCY SYSTEM		FSEC	= FOOD SERVICE EQUIP. CONTRACTOR					CS =		COMBINATION CONTROLLER					OU =		ON UNIT					FD =		FUSIBLE DISCONNECT											
ES = ESSENTIAL SYSTEM		MC	= MECHANICAL CONTRACTOR					RVS =		REDUCE VOLTAGE CONTROLLER					SFP =		SEE FLOOR PLANS					LMRS =		LOCKABLE MOTOR RATED SWITCH											
OPTIONS:																																			
1 = SINGLE RECEPTACLE		4 = NON FUSIBLE DISCONNECT		7 = LOCKABLE		10 = VERIFY WITH MANUFACTURER PRIOR TO INSTALLATION		13 = GFI RECEPTACLE		16 = RED / GREEN PILOT LIGHTS																									
2 = DUPLEX RECEPTACLE		5 = FUSIBLE DISCONNECT		8 = CONCEALED		11 = SURFACE MOUNTED		14 = FED FROM UPSTREAM GFI BREAKER		17 = NC / NO AUX CONTACTS																									
3 = DIRECT CONNECTION		6 = WEATHERPROOF		9 = TOGGLE SWITCH		12 = FLUSH MOUNTED		15 = HAND / OFF / AUTO																											

PLUMBING EQUIPMENT SCHEDULE NOTES:

GENERAL NOTE 1: COORDINATE EXACT EQUIPMENT LOCATIONS AND REQUIREMENTS OF EQUIPMENT WITH PLUMBING CONTRACTOR.

CONTROL MODULE SCHEDULE

DES	INTERFACED WITH	ACTIVATION DESCRIPTION
AHUB0320A	AHU-B0320A TEMPERATURE CONTROL PANEL	INITIATES UNIT SHUT DOWN PROCEDURES UPON ALARM SIGNAL FROM UNIT DUCT SMOKE DETECTOR.
DI	DOOR HARDWARE	DISABLES AUTO OPENER AND/OR RELEASES SECURED DOORS UPON ALARM SIGNAL FROM FIRE ALARM SYSTEM

CONTROL MODULE SCHEDULE NOTES:

1.

MONITOR MODULE SCHEDULE

DES.	DEVICE MONITORED	FIRE ALARM SYSTEM RESPONSE
DPFS	DRY PIPE SYSTEM - FLOW SWITCH	INITIATES AN ALARM SIGNAL ON THE FIRE ALARM SYSTEM.
DPLP	DRY PIPE SYSTEM - LOW PRESSURE SWITCH	INITIATES A SUPERVISORY SIGNAL ON THE FIRE ALARM SYSTEM.
DPTS	DRY PIPE SYSTEM - TAMPER SWITCH	INITIATES A SUPERVISORY SIGNAL ON THE FIRE ALARM SYSTEM.
FSLL-1	FLOW SWITCH - LOWER LEVEL	INITIATES AN ALARM SIGNAL ON THE FIRE ALARM SYSTEM.
TSLL-1	TAMPER SWITCH - LOWER LEVEL	INITIATES A SUPERVISORY SIGNAL ON THE FIRE ALARM SYSTEM.

MONITOR MODULE SCHEDULE NOTES:

1.

MECHANICAL EQUIPMENT SCHEDULE

NO.	SERVING	LOC.	VOLT/ PHASE	HP	FLA	KW	FEED FROM			OCPD			BRANCH WIRING			MOTOR CONTROLLER			DISCONNECT SWITCH			CONNECTION REQUIREMENTS			SEE NOTE							
							PANEL	CKT	BRNH	TYPE	SIZE	POLE	NO.	SIZE	GRD (WV)	COND	GRD SIZE	FURN BY	INST BY	WIRE BY	LOC.	TYPE	OPTIONS	FURN BY		INST BY	WIRE BY	LOC.	TYPE	OPTIONS	NEMA TYPE	OPTIONS
MAC-1350A	AIR CURTAIN	1350	480/3	(4)3/4	-	-	UH-16-1	37,39,41	N	CB	15	3	3	12	Y	3/4	12	MFR	MFR	EC	IU	-	-	EC	EC	EC	NU	4	-	3.10	-	-
MAC-1350B	AIR CURTAIN	1350	480/3	(4)3/4	-	-	UH-16-1	31,33,35	N	CB	15	3	3	12	Y	3/4	12	MFR	MFR	EC	IU	-	-	EC	EC	EC	NU	4	-	3.10	-	-
MAC-70-D-40A	AIR CURTAIN	70-D-40	208/3	(2)3/4	-	-	SB-DL-BDN-1	-	N	CB	SD	SD	SD	SD	SD	SD	MFR	MFR	EC	IU	-	-	EC	EC	EC	NU	4	-	3.10	-	-	
MAC-70-D-40B	AIR CURTAIN	70-D-40	208/3	3/4	-	-	SB-DL-BDN-1	-	N	CB	SD	SD	SD	SD	SD	SD	MFR	MFR	EC	IU	-	-	EC	EC	EC	NU	4	-	3.10	-	-	
MACCU-B0320A	AIR COOLED CONDENSING UNIT	SFP	480/3	-	49.6	-	DH-B05-2	-	N	CB	SD	SD	SD	SD	SD	SD	MFR	MFR	EC	IU	MAG	-	EC	EC	EC	NU	4.6	-	3.10	-	-	
MCP-1-B0320B	CIRCULATING PUMP	B0320A	480/3	1	2.1	1.7	LH-B03-1	2,4,6	N	CB	15	3	3	12	Y	3/4	12	EC	EC	EC	NU	CS	5,7,15,16,17	-	-	-	-	-	3.10	-	-	
MCP-2-B0320A	CIRCULATING PUMP	B0320A	480/3	1	2.1	1.7	LH-B03-1	8,10,12	N	CB	15	3	3	12	Y	3/4	12	EC	EC	EC	NU	CS	5,7,15,16,17	-	-	-	-	-	3.10	-	-	
MCP-3-B0320A	CIRCULATING PUMP	B0320A	120/1	0.33	7.2	0.9	PL-B03-1	25	N	CB	20	1	2	12	Y	3/4	12	EC	EC	EC	NU	CS	5,7,15,16,17	-	-	-	-	-	3.10	-	-	
MCUH-STR-1-18	CABINET UNIT HEATER	STAR#	120/1	(2)1/16	-	-	PL-13-1	13	N	CB	20	1	2	12	Y	3/4	12	MFR	MC	EC	IU	CS	-	-	-	-	-	-	3.10	-	-	
MCUH-1351	CABINET UNIT HEATER	1351	120/1	(2)1/16	-	-	PL-13-1	15	N	CB	20	1	2	12	Y	3/4	12	MFR	MC	EC	IU	CS	-	-	-	-	-	-	3.10	-	-	
MSF-B0320A	SUPPLY FAN	B0320A	480/3	15	21	17.4	LH-B03-1	14,16,18	N	CB	50	3	3	10	Y	3/4	10	EC	EC	EC	NU	VSMC	-	EC	EC	EC	NU	4	-	3.10	-	-
MUH-B0320A	UNIT HEATER	B0320A	120/1	1/30	1.3	0.16	PL-B03-1	23	N	CB	20	1	2	12	Y	3/4	12	EC	EC	EC	NU	CS	5,7,15,16,17	-	-	-	-	-	3.10	-	-	
MTCP-B0320A	TEMPERATURE CONTROL PANEL	B0320A	120/1	-	-	0.5	PL-B03-1	21	N	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	EC	EC	EC	NU	4	-	3.10	-	-
MSCP-B0320A	CONDENSATE PUMP	B0320A	120/1	(2)1/3	-	-	PL-B03-1	19	N	CB	25	1	2	12	Y	3/4	12	MFR	MFR	EC	IU	CS	-	MFR	MFR	EC	IU	-	-	3.10	-	-
ABBREVIATIONS:																																
N =	NORMAL BRANCH	CB =	AMPERE RATED CIRCUIT BREAKER	MFR =	MANUFACTURER	2SP =	2 SPEED MAGNETIC CONTROLLER	SFS =	SEE FOOD SERVICE PLANS	SA =	SEE ARCHITECTURAL DETAILS																					
LS =	LIFE SAFETY BRANCH	F =	AMPERE RATED FUSES	PC =	PLUMBING CONTRACTOR	VSMC =	VARIABLE FREQUENCY DRIVE	SD =	SEE ONLINE DIAGRAM																							
CR =	CRITICAL CARE BRANCH	OCPD =	OVERCURRENT PROTECTIVE DEVICE	MAN =	MANUAL CONTROLLER	IU =	IN UNIT	BOL =	BUILT-IN OVERLOAD																							
EQ =	EQUIPMENT SYSTEM	EC =	ELECTRICAL CONTRACTOR	MAG =	MAGNETIC CONTROLLER	NU =	NEAR UNIT	WP =	WEATHER PROOF																							
EM =	EMERGENCY SYSTEM	FSEC =	FOOD SERVICE EQUIP. CONTRACTOR	CS =	COMBINATION CONTROLLER	OU =	ON UNIT	FD =	FUSIBLE DISCONNECT																							
ES =	ESSENTIAL SYSTEM	MC =	MECHANICAL CONTRACTOR	RVS =	REDUCE VOLTAGE CONTROLLER	SFP =	SEE FLOOR PLANS	LMRS =	LOCKABLE MOTOR RATED SWITCH																							
OPTIONS:																																
1 =	SINGLE RECEPTACLE	4 =	NON FUSIBLE DISCONNECT	7 =	LOCKABLE	10 =	VERIFY WITH MANUFACTURER PRIOR TO INSTALLATION	13 =	GFI RECEPTACLE	16 =	RED / GREEN PILOT LIGHTS																					
2 =	DUPLEX RECEPTACLE	5 =	FUSIBLE DISCONNECT	8 =	CONCEALED	11 =	SURFACE MOUNTED	14 =	FED FROM UPSTREAM GFI BREAKER	17 =	NC / NO AUX CONTACTS																					
3 =	DIRECT CONNECTION	6 =	WEATHERPROOF	9 =	TOGGLE SWITCH	12 =	FLUSH MOUNTED	15 =	HAND / OFF / AUTO																							

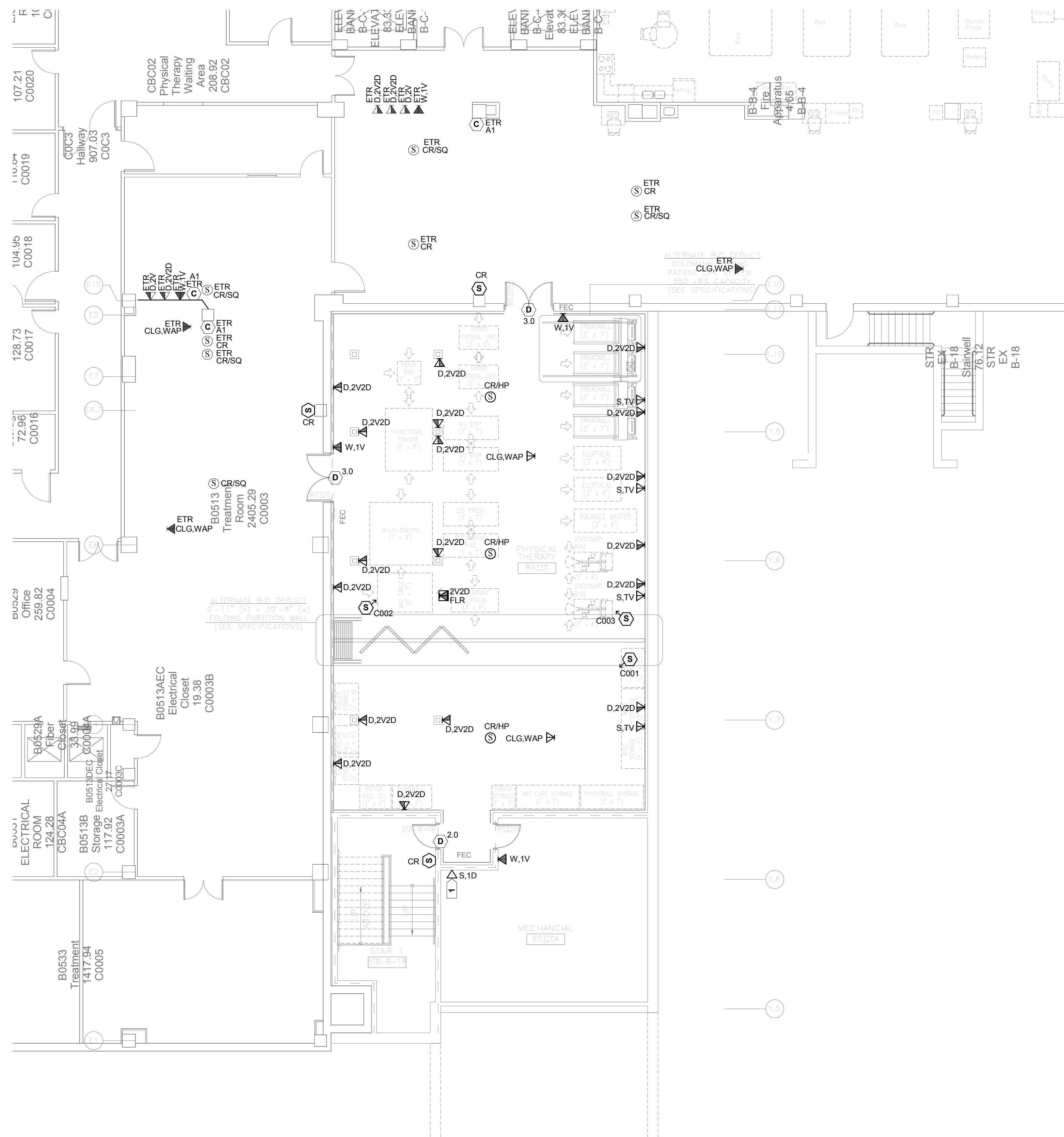
MECHANICAL EQUIPMENT SCHEDULE NOTES:

GENERAL NOTE 1: COORDINATE EXACT EQUIPMENT LOCATIONS AND REQUIREMENTS OF EQUIPMENT WITH MECHANICAL CONTRACTOR.

1.

GENERAL EQUIPMENT SCHEDULE

NO.	SERVING	LOC.	VOLT/ PHASE	HP	FLA	KW	FEED FROM			OCPD			BRANCH WIRING			MOTOR CONTROLLER			DISCONNECT SWITCH			CONNECTION REQUIREMENTS			SEE NOTE													
							PANEL	CKT	BRNH	TYPE	SIZE	POLE	NO.	SIZE	COND.	GRD SIZE	FURN BY	INST BY	WIRE BY	LOC.	TYPE	OPTIONS	FURN BY	INST BY		WIRE BY	LOC.	TYPE	OPTIONS	NEMA TYPE	OPTIONS	MTG HEIGHT						
AD	AUTO DOOR	SFP	120/1	-	-	0.5	SFP	SFP	SFP	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	EC	EC	EC	NU	4	-	-	3.10	-	5.6						
AD1	AUTO DOOR	SFP	120/1	-	-	0.5	SFP	SFP	SFP	CB	20	1	2	6	Y	1	6	-	-	-	-	-	EC	EC	EC	NU	4	-	-	3.10	-	5.6						
BK	BIKE	SFP	120/1	-	12	-	SFP	SFP	N	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	2	-	-							
BM	BALANCE MASTER	SFP	120/1	-	12	-	SFP	SFP	N	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	2	-	-							
CM	CCTV MONITOR	SFP	120/1	-	-	-	SFP	SFP	CR	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	2.10	-	3							
CP	COPY/PRINTER	SFP	120/1	-	-	1.5	SFP	SFP	SFP	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	2.10	-	-							
DH	DOOR HARDWARE	SFP	120/1	-	-	0.5	SFP	SFP	SFP	CB	20	1	2	6	Y	1	6	-	-	-	-	-	EC	EC	EC	NU	4	-	-	3.10	-	-						
EL	ELLIPTICAL	SFP	120/1	-	12	-	SFP	SFP	N	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	2	-	-							
MW	MASTER WALL STATION - INTERCOM	SFP	120/1	-	-	-	SFP	SFP	CR	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	EC	EC	EC	NU	4	-	-	3.10	-	-						
PED	POWER OUTLET PANELS	SFP	120/1	-	-	-	SFP	SFP	N	CB	40	1	2	3	Y	11/4	6	-	-	-	-	-	EC	EC	EC	NU	4.6	-	-	3.10	-	-						
PL	PATIENT LIFT	SFP	120/1	-	-	0.5	SFP	SFP	CR	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	2.10	-	8							
PT	PRINTER	SFP	120/1	-	-	1.2	SFP	SFP	SFP	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	2.10	-	4							
RF	REFRIGERATOR	SFP	120/1	-	-	1.2	SFP	SFP	SFP	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	2.10	-	-							
SA	SAFE	SFP	120/1	-	-	-	SFP	SFP	CR	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	2.10	-	-							
TR	TREADMILL	SFP	120/1	-	12	-	SFP	SFP	N	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	2	-	-							
TV	TELEVISION	SFP	120/1	-	-	0.5	SFP	SFP	SFP	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	-	-	-	-	-	-	2	-	1							
WS	WELCOME SIGN LIGHT	SFP	120/1	-	-	0.5	SFP	SFP	CR	CB	20	1	2	12	Y	3/4	12	-	-	-	-	-	EC	EC	EC	NU	4	-	-	3	-	7						
ABBREVIATIONS:																																						
N =			CB =		= AMPERE RATED CIRCUIT BREAKER				MFR =			MANUFACTURER			2SP =			2 SPEED MAGNETIC CONTROLLER				SFS =			SEE FOOD SERVICE PLANS				SA =			SEE ARCHITECTURAL DETAILS						
LS =			LF =		= AMPERE RATED FUSES				PC =			PLUMBING CONTRACTOR			VFD =			VARIABLE FREQUENCY DRIVE				SD =			SEE ONLINE DIAGRAM													
CR =			OCPD =		= OVERCURRENT PROTECTIVE DEVICE				MAN =			MANUAL CONTROLLER			IU =			IN UNIT				BOL =			BUILT-IN OVERLOAD													
EQ =			EC =		= ELECTRICAL CONTRACTOR				MAG =			MAGNETIC CONTROLLER			NU =			NEAR UNIT				WP =			WEATHER PROOF													
EM =			FMC =		= FOOD SERVICE EQUIP. CONTRACTOR				CS =			COMBINATION CONTROLLER			ON UNIT							FD =			FUSIBLE DISCONNECT													
ES =			MC =		= MECHANICAL CONTRACTOR				RVS =			REDUCE VOLTAGE CONTROLLER			SFP =			SEE FLOOR PLANS				LMRS =			LOCKABLE MOTOR RATED SWITCH													
OPTIONS:																																						
1			= SINGLE RECEPTACLE				4				= NON FUSIBLE DISCONNECT				7				= LOCKABLE				10				= VERIFY WITH MANUFACTURER PRIOR TO INSTALLATION				13				= GFI RECEPTACLE			
2			= DUPLEX RECEPTACLE				5				= FUSIBLE DISCONNECT				8				= CONCEALED				11				= SURFACE MOUNTED				14				= FED FROM UPSTREAM GFI BREAKER			
3			= DIRECT CONNECTION				6				= WEATHERPROOF				9				= TOGGLE SWITCH				12				= FLUSH MOUNTED											



SHEET NOTES -

1. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE SLAB.
2. SEE SHEETS A010 AND A002 FOR PROJECT PHASING, DIMENSIONS AND NOTES.
3. REFER TO E100 FOR LOCATION OF TELEPHONE, CLOSET SERVING VOICE AND DATA OUTLETS SHOWN ON THIS PLAN.
4. SEE ARCHITECTURAL PLANS TO CONFIRM STUB DEPTH, FEEDING CIRCUITS THROUGH BOXES IS NOT ALLOWED IN SHALLOW STUB AREAS DUE TO NEC CUBIC INCH CAPACITY LIMITS. UTILITIES SHALL BE 1'-11 1/2" X 4'-11 1/2" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE CEILING FOR DEVICE.
5. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS PLAN. FOR COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET ET000.
6. FINAL, WIRELESS ACCESS POINT LOCATIONS FOR WIRELESS ACCESS POINTS SHOWN ON THIS PLANS SHALL BE COORDINATED AND VERIFIED BY THE VA PRIOR TO INSTALLATION.

KEYED NOTES -

1. DATA OUTLET FOR TEMPERATURE CONTROL PANEL

SYMBOLS:

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)

 KEYED NOTE SYMBOL

D DOOR HARDWARE INSTALLATION - SEE DETAILS, ARCHITECTURAL PLANS & SPECIFICATIONS

DENOTES THE FOLLOWING:
 (AA) AUTODOOR ACTUATOR (PUSH PLATE)
 (AM) AUTODOOR ACTUATOR (MOTION SENSOR)
 (AO) AUTODOOR OPERATOR
 (E) ELECTRIC EXITING DEVICE
 (DE) DELAYED EGRESS MODULE
 (EL) ELECTROMAGNETIC LOCK
 (ES) ELECTRIC STRIKE
 (KS) KEY SWITCH
 (PS) POWER SUPPLY
 (PT) POWER TRANSFER HINGE
 (RL) RELAY MODULE
 (RM) REMOTE MOUNTED REQUEST TO EXIT MOTION
 SENSOR NOT ASSOCIATED WITH SECURITY SYSTEM
 (XX) TYPICAL DOOR HARDWARE GROUP - SEE ARCHITECTURAL
 DOOR HARDWARE INSTALLATION GUIDELINES DETAIL ON
 SHEET ET500
 (XX - DENOTES SPECIFIC TYPE)

S SECURITY, ACCESS CONTROL AND DOOR MONITORING

— DENOTES THE FOLLOWING:
(CR) CARD READER
(CXX) CLOSED CIRCUIT CAMERA - SEE CAMERA SCHEDULE
(XX - DENOTES SPECIFIC UNIT)

 CLOCK SYSTEM

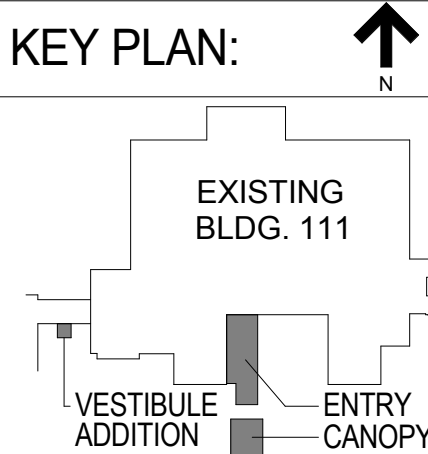
— DENOTES THE FOLLOWING:
(A1) ANALOG TYPE, 12" DIAMETER ROUND, SINGLE FACED

⑤ CEILING PAGING AND SOUND SYSTEM

DENOTES THE FOLLOWING:
 (DP) DEPARTMENTAL PAGING
 (HP) HOUSE PAGING
 (HW) COMBINATION HOUSE PAGING & WIRED RADIO
 (LM) LOCAL MUSIC
 (PC) PROCEDURE ROOM - TWO WAY COMMUNICATION
 (PM) PROCEDURE ROOM - MUSIC SYSTEM
 (TS) TELEVISION SOUND REINFORCEMENT SYSTEM
 (WR) WIRED RADIO

_____ DENOTES THE FOLLOWING:
 (CR) CEILING MOUNTED RECESSED SPEAKER
 (CS) CEILING MOUNTED SURFACE SPEAKER
 (MC) MICROPHONE JACK - CEILING MOUNTED

1 LOWER LEVEL FLOOR PLAN - TECHNOLOGY
ET100 1/8" = 1'-0"

[illegible]

CONSULTANTS:



PROJECT LEADER/ARCHITECT:



Drawing Title
BUILDING 111 - PARTIAL
LOWER LEVEL FLOOR PLAN -
TECHNOLOGY

Approved: Project Director

Project Title	Building 111 - Renovate South Entry
---------------	--

Location	
Milwaukee, Wisconsin	
Date	Checked
June 23, 2014	R8

onsin	
Checked By: R&D	Drawn By: R&D

FINAL CONSTRUCTION DOCUMENTS

Project Number	695-12-101SCP
Building Number	111

Drawing Number

ET100

Office of
Facilities
Management



A

three inches = one foot

B

one and one half inches = one foot

C

one inch = one foot

D

three quarters inch = one foot

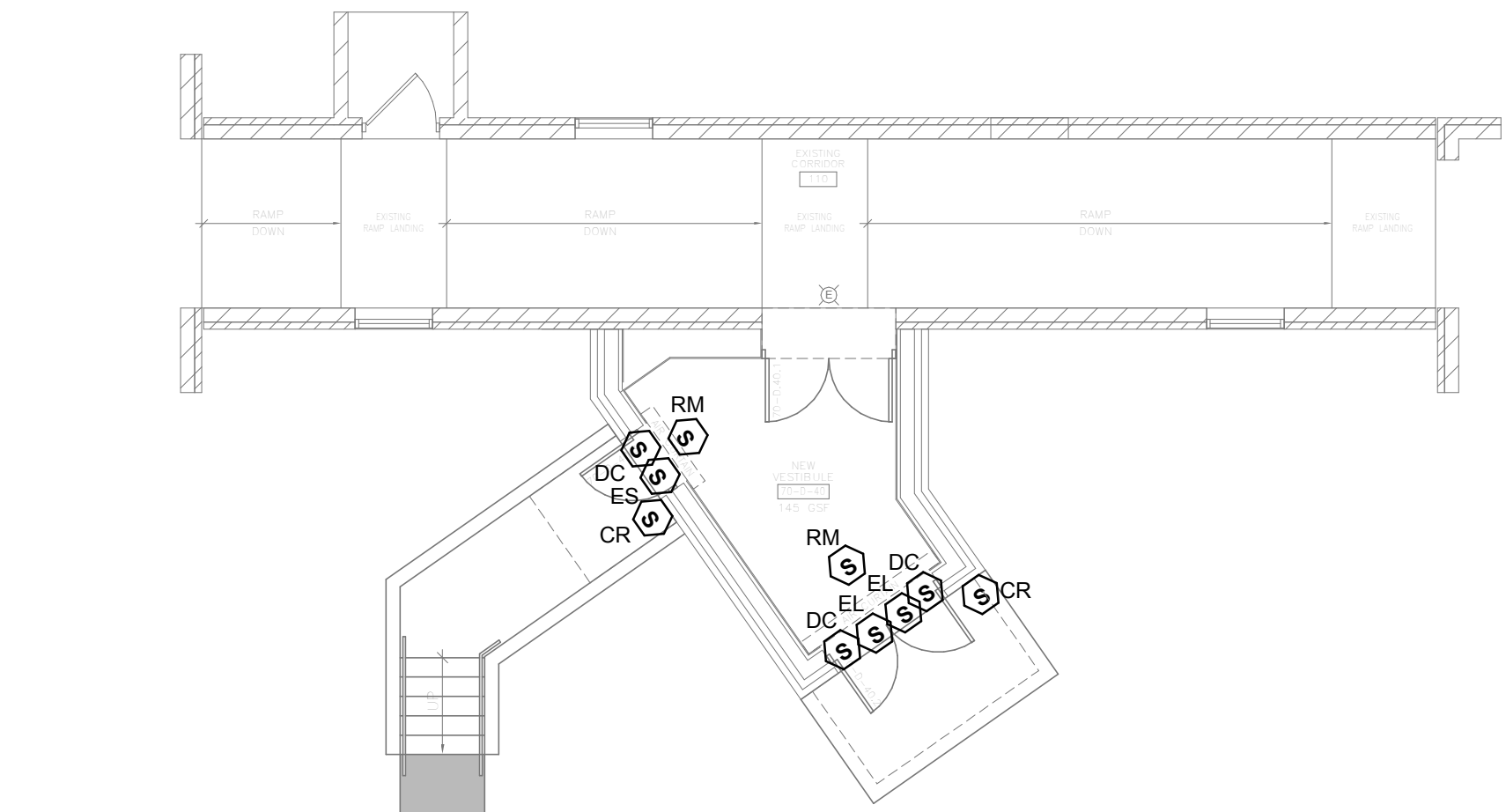
E

one half inch = one foot

F

one quarter inch = one foot

one eighth inch = one foot



**PARTIAL FIRST FLOOR PLAN - CONNECTING CORRIDOR -
TECHNOLOGY**
1
ET110 1/8" = 1'-0"

SHEET NOTES -

1. SEE SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.
2. ANY SERVICES PASSING THROUGH AREA OF WORK SHALL BE MAINTAINED AND PROTECTED DURING DEMOLITION AND CONSTRUCTION.
3. EC SHALL REFER TO ARCHITECTURAL FLOOR PLANS, REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS.
4. EXISTING TO REMAIN, "ETRM", ON THIS PLAN REFERS TO THE STATUS OF BASIC ELECTRICAL DEVICES. THERE MAY BE SOME WORK REQUIRED IN THESE SPACES INVOLVING BACK-FEEDING EXISTING CIRCUITS OR OTHER MODIFICATIONS. SEE ALL DOCUMENTS THAT MAKE UP THIS CONTRACT FOR THE TOTAL EXTENT OF WORK REQUIRED IN ALL SPACES.
5. PRIOR TO CORING OR CUTTING CONCRETE SLAB, X-RAY SLAB TO DETERMINE EXISTING CONDUIT PLACEMENT WITHIN THE SLAB.
6. SEE SHEETS A001 AND A002 FOR PROJECT PHASING DRAWINGS AND NOTES.
7. SEE ARCHITECTURAL PLANS TO CONFIRM STUD DEPTH. FEEDING CIRCUITS THROUGH BOXES IS NOT ALLOWED IN SHALLOW STUD AREAS DUE TO NEC CUBIC INCH CAPACITY REQUIREMENTS. UTILIZE A 1-1/2" X 4-11/16" X 4-11/16" BOX WITH CONDUIT AND CONDUCTORS STUBBED TO ABOVE CEILING FOR DEVICE.
8. SYMBOLS LIST MAY NOT INCLUDE ALL SYMBOLS INDICATED ON THIS SHEET. FOR A COMPLETE LIST OF SYMBOLS, PLEASE REFERENCE SHEET ET000.

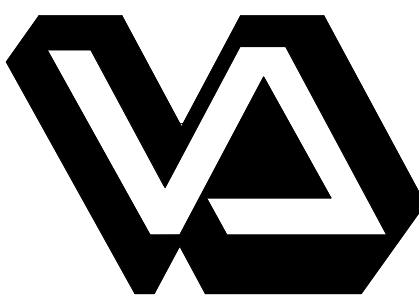
SYMBOLS:

(ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS)


- XX (S) SECURITY, ACCESS CONTROL AND DOOR MONITORING
- ↑
- DENOTES THE FOLLOWING:
- (CR) CARD READER
 - (CXX) CLOSED CIRCUIT CAMERA - SEE CAMERA SCHEDULE (XX - DENOTES SPECIFIC UNIT)
 - (DB) DURESS BUTTON
 - (DC) DOOR CONTACT
 - (DP) DOOR POSITION INDICATOR SWITCH
 - (EL) ELECTRIC LATCHING
 - (EM) ELECTROMAGNETIC LOCK
 - (ES) ELECTRIC STRIKE
 - (GB) GLASS BREAK DETECTOR
 - (KE) KEYLESS ENTRY
 - (KP) KEYPAD - SECURITY SYSTEM
 - (KS) KEEPER SWITCH
 - (MD) MOTION SENSOR - DUAL TECHNOLOGY
 - (MI) MOTION SENSOR - INFRARED
 - (ML) MOTION SENSOR - LOCAL ALARM
 - (MO) CLOSED CIRCUIT TELEVISION MONITOR
 - (MU) MOTION SENSOR - ULTRASONIC
 - (RC) CLOSED CIRCUIT TELEVISION REMOTE CAMERA CONTROLS
 - (RM) REQUEST FOR EXIT - MOTION
 - (RP) REQUEST FOR EXIT - PUSH BUTTON
 - (VC) VIDEO RECORDER

Revisions:

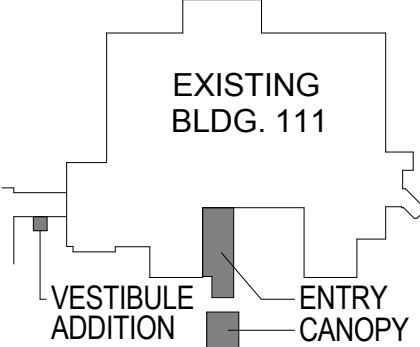
Date




Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI



KEY PLAN:



CONSULTANTS:



PROJECT LEADER/ARCHITECT:



ASHLAND, WI • MILWAUKEE, WI • MADISON, WI • DULUTH, MN
(715) 482-6024 (414) 224-0004 (608) 233-0460 (218) 728-4292
www.CHEQUAMEGON.com

Drawing Title

BUILDING 70 - PARTIAL FIRST FLOOR PLAN - TECHNOLOGY

Approved: Project Director

Project Title

Building 111 - Renovate South Entry

Location
Milwaukee, Wisconsin

Date
June 23, 2014

Checked By:
R&D


Drawn By:
R&D

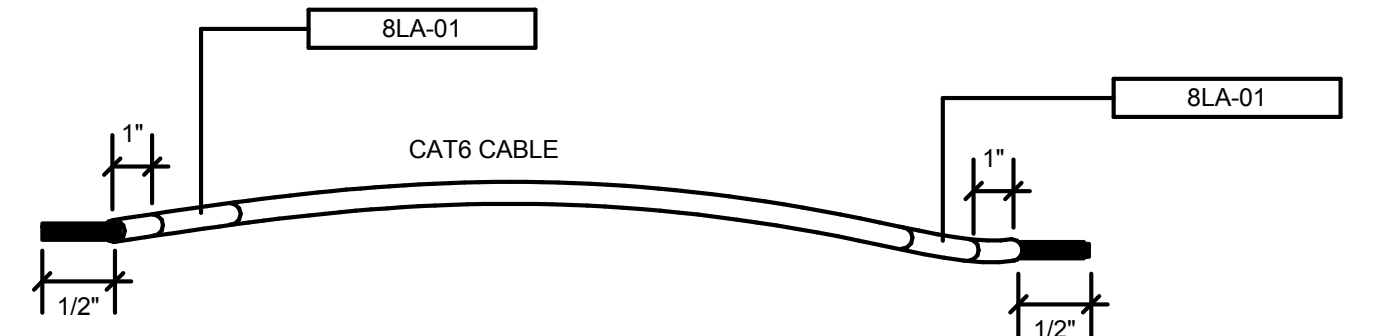
FINAL CONSTRUCTION DOCUMENTS

Project Number
695-12-101SCP

Building Number
111

Drawing Number
ET110

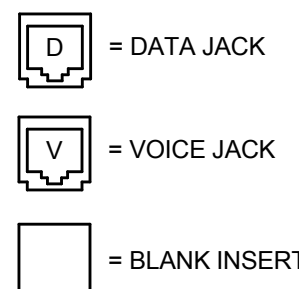
 Department of Veterans Affairs



1. PROVIDE S.S. WALL PHONE PLATE
2. PROVIDE PLASTIC FACE PLATE COLOR IVORY.
3. PROVIDE FURNITURE PLATE MATCHING OWNER EQUIPMENT
4. PROVIDE F' CONNECTOR
5. PROVIDE SURFACE MOUNT WAP BOX ABOVE CEILING
6. PROVIDE 4-PORT FACEPLATE.
7. FACEPLATES SHALL ALLOW JACKS TO BE MOUNTED AT A 45 DEGREE DOWNWARD ANGLE PROVIDING BEND RADIUS PROTECTION AND STRAIN RELIEF ON THE CABLES AND CONNECTION POINTS.
8. PROVIDE 6-PORT FACEPLATE.

1. EACH LABEL SHALL BE MECHANICALLY PRODUCED.
2. EACH LABEL SHALL CONTAIN A MINIMUM OF 6 DIGITS.
VERIFY SCHEME WITH OWNER.
3. THERE SHALL BE 4 LABELS FOR EACH WIRE INSTALL
TWO ON THE WIRE CABLE
ONE ON THE PATCH PANEL
ONE ON THE FACE PLATE
4. ALL NEW CAT6 VOICE AND DATA CABLES SHALL BE
TERMINATED.

TYPICAL CABLE IDENTIFICATION DETAIL
NOT TO SCALE

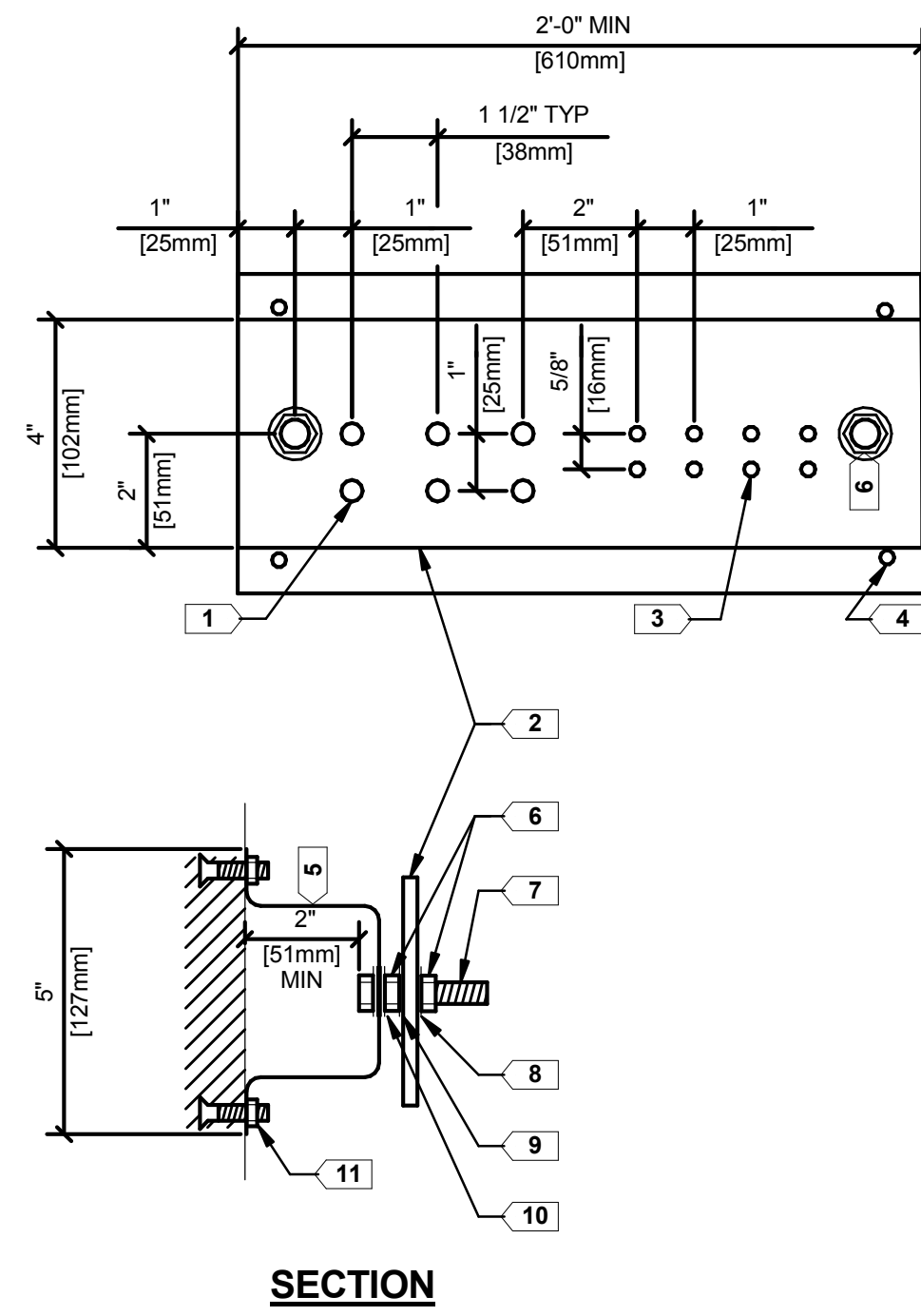


2 TYPICAL SYSTEMS FACE PLATE DETAIL
ET501 NOT TO SCALE

1. J HOOK SHALL BE SIZED FOR CABLE SIZE AND LOAD.
2. SPACING BETWEEN J HOOKS 4 FEET ON CENTER.
3. INSTALL ADDITIONAL J HOOKS AS REQUIRED.

1. THIS HOOK IS DEDICATED FOR VOICE CABLING.
2. THIS HOOK IS DEDICATED FOR DATA CABLING.
3. THIS HOOK IS DEDICATED FOR TV CABLING.
4. PAGING, NURSE CALL, AND JEX
5. CONCRETE FLOOR
6. WORK AREA OUTLET (TYPICAL)
7. CONDUIT TO ABOVE LAY-IN CEILING
8. WALL SLEEVE
9. FLOOR ABOVE
10. HANGER SUPPORTED FROM STRUCTURE OF FLOOR ABOVE - OR WALL
11. LAY-IN CEILING
12. J-HOOK (TYPICAL)

3 TYPICAL CABLE SUPPORTS



1. ALL HARDWARE SHOWN SHALL BE STAINLESS STEEL.
2. PROVIDE 1 MOUNTING POINT PER 12" OF BAR LENGTH.
3. HOLES MAY BE ADDED IF REQUIRED.

1. 3/8" DIA. HOLE TYP. OF (6)
2. 1/4" THICK CU BUSS
3. 1/4" DIA. HOLE TYP OF (8)
4. 1/4" DIA. MOUNTING HOLES TYP. OF (4)
5. 3" DEEP FIBERGLASS CHANNEL SAME LENGTH AS CU BUSS
6. 1/2" NUT
7. 1/2"DIA. x2"L. BOLT TYP. OF (2)
8. 1/2" LOCK WASHER
9. 1/2" STANDARD WASHER
10. 1/2" FENDER WASHERS (EACH SIDE)
11. STEEL EXPANSION ANCHOR

4 **GROUNDING BAR DETAIL**
ET501 NOT TO SCALE

FINAL CONSTRUCTION DOCUMENTS	
Project Number 695-12-101SCP	Office of Facilities Management
Building Number 111	
Drawing Number ET501	 Department of Veterans Affairs

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

HORIZONTAL CABLING SCHEDULE														
DES	VOICE				DATA				OTHER				FACEPLATE DETAIL	NOTES
	QUANTITY	TYPE	CABLE COLOR	JACK COLOR	QUANTITY	TYPE	CABLE COLOR	JACK COLOR	QUANTITY	TYPE	CABLE COLOR	JACK COLOR		
1V	1	CAT5E	BLUE	ORANGE										
1D					1	CAT5E	WHITE	BLACK						
2D					2	CAT5E	WHITE	BLACK						
2V2D	2	CAT5E	BLUE	ORANGE	2	CAT5E	WHITE	BLACK						
TV									1	RG6	BLACK	-		
WAP					1	CAT5E	GRAY	BLACK						
IP CAMERA					1	CAT5E	YELLOW	BLACK						

CABLE SPECIFICATIONS NOTES:

1.

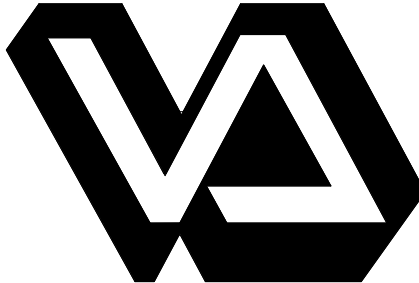
CAMERA SCHEDULE						
DES.	LOCATION	CAMERA TYPE	LENS TYPE	ENCLOSURE TYPE	MOUNT TYPE	SEE NOTE
C001	PHYSICAL THERAPY	IP	FIXED	DOME	CEILING	1
C002	PHYSICAL THERAPY	IP	FIXED	DOME	CEILING	1
C003	PHYSICAL THERAPY	IP	FIXED	DOME	CEILING	1
C004	RECEPTION	IP	FIXED	DOME	CEILING	1

CAMERA SCHEDULE NOTES:


1. ALL CATEGORY 5E IP CAMERA CABLING SHALL BE YELLOW WITH BLACK CATEGORY 5E DATA JACKS.

Revisions:

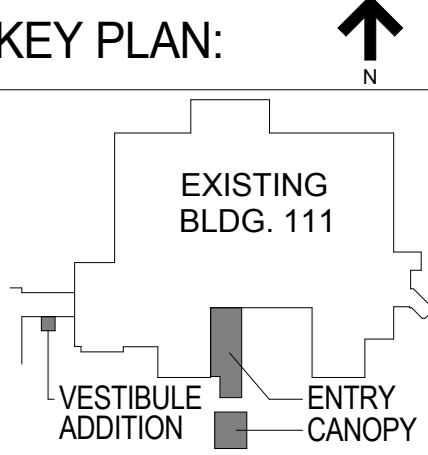
Date



Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI





KEY PLAN:




EXISTING BLDG. 111
VESTIBULE ADDITION
ENTRY CANOPY

CONSULTANTS:



R&D Project No.: 213172.00

PROJECT LEADER/ARCHITECT:



ASHLAND, WI ■ MILWAUKEE, WI ■ KANISHTON, WI ■ TULUATH, MN
Boy Group, Inc.
(715) 485-4254 (715) 485-4254 (715) 485-4254 (715) 485-4254
WWW.CHEQUAMEGON.COM

Drawing Title
TECHNOLOGY SCHEDULES

Approved: Project Director

Project Title
Building 111 -
Renovate South Entry

Location
Milwaukee, Wisconsin

Date
June 23, 2014

Checked By:
R&D


Drawn By:
R&D

FINAL CONSTRUCTION DOCUMENTS

Project Number
695-12-101SCP

Building Number
111

Drawing Number
ET600

 **Department of
Veterans Affairs**

Office of
Facilities
Management

VA FORM 08-6231, OCT. 1978